

# THE BULLETIN

MARCH 14, 1994 ~ 47TH YEAR ~ NUMBER 14

## ETHNIC MIX CHANGES STUDENT BODY

BY ALFRED HOLDEN

U OF T'S COLLEGES BEAR BRITISH names like Victoria, Trinity and New but their population increasingly mirrors Canada's ethnic and racial mosaic, according to the 1993 Incoming Student Survey.

In fact while many Canadian organizations struggle to better reflect the country's diverse population, the survey suggests U of T's student body already does.



John Kirkness

The wide-ranging poll of 4,000 new undergraduates who enrolled last fall found, among other things, that just 47 percent consider themselves white. If the trend continues, white students may form one of U of T's newest minorities, with no one group in a majority.

According to the survey other large minorities are east Asians, 31 percent, and south Asians, nine percent. Just one-third of respondents speak only English at home. "You look at the numbers and see the world is already here," said Professor John Kirkness, the provost's adviser on undergraduate education.

It is the second year the office has undertaken the survey, which asks students to volunteer answers to hundreds of detailed questions about their background, interests, attitudes and expectations. While the 1992 survey group was smaller and year-to-year results, therefore, cannot be directly compared, the first year's findings pointed the way, Kirkness said. Fifty-four percent in 1992 indicated they were white when asked to choose the term that best described their race or colour.

Senior administrators are using the data to obtain a broader picture of the University's army of students and their present and future needs. David Neelands, assistant vice-president (student affairs), is not surprised at the extent of the racial and ethnic diversity. "Our student population is changing, the human dimension is changing and I don't know whether the services the University provides have caught up with that."

~ See ETHNIC: Page 2 ~

## U of T Garners Six of 15 Killam Fellowships

THE CANADA COUNCIL HAS named 15 new Killam research fellows, six of whom are faculty members at U of T. The fellowships allow the winning scientists and scholars to spend up to two years on research and writing.

The six are Professors Paul Brumer and Raymond Kapral of chemistry; Eleanor Cook of English; Nicholas Mrosovsky of zoology; John Sipe of physics; and Scott Tremaine of the Canadian Institute for Theoretical Astrophysics. In addition, the grants of University Professor Andrew Hughes of music and Professor Philipp Kronberg of astronomy were renewed for another year.

In his grant proposal Brumer says he will work on controlling chemical reactions. Chemists are usually looking for processes that produce chemicals with maximum yield. However, in many cases undesirable by-products are created; Brumer plans to use lasers to control this contamination.

Riddles are the subject of Cook's

project. The words "riddle" and "enigma" are often key words in history, science and psychology, she says. "How we resolve the riddles of our lives and of our planet depends partly on how we conceive of riddles in the first place. We literary critics could be much more useful in this area than we are at present."

Kapral intends to study chemical reaction dynamics in small systems, on the scale of nanometres and microns. The largely unexplored properties of matter on this scale are responsible for much of the recent interest in nanosystems; Kapral's study opens up the possibility of fabricating devices with new properties and discovering new basic science.

Mrosovsky studies biological clocks — circadian rhythms — and how they are affected by factors other than light and dark. An understanding of these factors could be valuable in situations — such as shift

~ See U OF T: Page 2 ~

## CULTS & COLLEGE



ROB ALLEN

## Cults Attracted to Toronto, Vulnerable Students Easy Prey

BY KARINA DAHLIN

TORONTO IS RIDDLED WITH CULTS AND MORE should be done to educate vulnerable students about the tactics of these groups, says a former president of the Cult Awareness Network in Chicago.

Ronald Loomis, a private consultant and former director of unions and student activities at Cornell University, visited Toronto March 1-4. He was invited by chaplains, student representatives and others at U of T, York University and Ryerson Polytechnic University to provide advice and speak on his views of cults.

Representatives of the three universities and Humber College met with Loomis on March 3 to discuss how to develop a cult education program. Committees were established on each campus; the groups will meet regularly and form a support network, said Karen Bach, chaplain at Knox College. Ultimately she hopes the network will be able to offer its assistance to the city at large.

Toronto is "cult city," Loomis told an audience of students at New College March 1. "It is my sense that there are more cults active here than in most major American cities such as Chicago, New York, Boston and Washington." Buildings such as the Hare Krishna church on Avenue Rd. and the Church of Scientology on Yonge St. are tangible evidence, he said.

There are at least two explanations for their prolifer-

ation here, Loomis said in an interview. "Toronto is incredibly diverse and cosmopolitan and is much more of an international city than the US cities I mentioned. Also, the cults are very savvy. They know when there is a visible effort under way to educate about them and expose them."

A Toronto organization known as COMA (Council on Mind Abuse) disbanded a couple of years ago; its disappearance has added to the city's problems, Loomis believes. "The cults know there is no organized effort to educate about cults in Toronto and here are all these universities with all these vulnerable, naive, open adolescents. What happened, I think, is that [the groups] said 'Let's go and get them.'"

Loomis worked at Cornell for 24 years. At first the job of dealing with cults was only a peripheral part of his duties, he said. "I got into it because I was responsible for all student activities and organizations and cults were registered on campus as student groups."

After a while he learned the names of the groups but did not interfere with their registration as long as they fulfilled university requirements. However, he began to visit fraternities, sororities, residence halls and other places where campus meetings were held and spoke to students about the groups' practices.

~ See CULTS: Page 3 ~

### What Is a Cult?

THE NATURAL LAW PARTY, BY virtue of its affiliation with the transcendental meditation movement, is a cult, says Ronald Loomis. So, he says, are the Unification Church, the EST movement, the meditation group Rama and many other organizations.

A group is labelled a cult when former members complain about being manipulated, deceived and brainwashed, says Loomis, former president of the Cult Awareness Network in Chicago. There is a fine line between what is and is not a cult, he says. His organization does not take issue with what a group

believes. Its concern is unethical or illegal practices — "deeds, not creeds."

Loomis has seven criteria for a cult: Charismatic leadership with someone claiming special knowledge and demanding unquestioned obedience. Deception in recruitment and fund raising. Mind control techniques such as coercive persuasion and brainwashing without informed consent. Alienation — separation from family and friends. Exclusivity — secrecy or vagueness about activities and beliefs. Exploitation, be it financial, psychological or sexual. And a totalitarian world view, as in "us vs them."

### Exiting

LEAVING WAS THE WORST for Bob Attran.

Joining was easy. A couple of pleasant young men invited Attran to join them in a Bible study session. Eight months later he decided he'd had enough. His friends were angry; the same people who weeks earlier had "love-bombed" him suddenly ignored him. Now a fourth-year student of physiology, Attran, 22, looks back on his days with the Toronto Church of Christ as a learning experience. And he tries to help others who find themselves in the same uncomfortable situation. See story page 3.



## IN BRIEF



### Wolfe re-elected chancellor

CHANCELLOR ROSE WOLFE HAS BEEN RE-ELECTED BY THE ALUMNI College of Electors for a three-year term. Wolfe, who took office July 1, 1991, is the University's 29th chancellor. She sits on Governing Council, presides at convocation ceremonies, chairs the committee on honorary degrees and represents the University at numerous community functions.

### Morton takes leave of absence

PROFESSOR DESMOND MORTON OF THE DEPARTMENT OF HISTORY IS taking a three-year leave of absence from U of T and his job as principal of Erindale College beginning July 1. He will assume the position of director of the McGill Institute for the Study of Canada at McGill University. The institute was founded last year, largely with funds from the Charles Bronfman family; its goal is to promote a better understanding of Canada and to revive the field of Canadian studies. Morton, 56, joined U of T in 1969 and was appointed Erindale's principal in 1986. "Professor Morton has been a magnificent principal for Erindale College," said President Robert Prichard. Morton's appointment will help to strengthen the links between McGill and U of T, Prichard noted.

### Dirks goes to Aga Khan University

PROFESSOR JOHN DIRKS OF THE DEPARTMENT OF MEDICINE, DEAN OF the Faculty of Medicine from 1987 to 1991, has been appointed chief academic officer of the Aga Khan University in Karachi, Pakistan, for a three-year term. His appointment takes effect March 15. The Aga Khan University is recognized for its health care program, particularly its medicine, nursing and community health offerings. Its Institute of Educational Development has links to U of T's Faculty of Education.

### Graham decides to step down

PROFESSOR BILL GRAHAM WILL VACATE HIS POST AS PRESIDENT OF the U of T Faculty Association (UTFA) on June 30. After heading the faculty association for two years and the Ontario Confederation of University Faculty Associations for three, he is returning to his academic work in the Department of Philosophy. Nominations for the post are open until March 15. If more than one name is submitted, an election will be held before the association's annual general meeting April 14. Vice-presidents and other members of the executive committee will be chosen by UTFA's council May 17.

### Adviser on population health named

THE UNIVERSITY HAS APPOINTED PROFESSOR JOHN FRANK OF THE Faculty of Medicine as provostial adviser on population health. The two-year appointment calls on him to facilitate the sharing of findings and resources by different health-related disciplines. In making the appointment, Provost Adel Sedra said the challenge will be to see if cross-pollination can yield health-prevention ideas that can be put to work to produce better overall population health. Frank, a professor in the Department of Preventive Medicine & Biostatistics, is also director of research at the Ontario Workers' Compensation Institute.

### Carlson resigns post

TONY CARLSON, DIRECTOR OF THE DEPARTMENT OF PUBLIC AFFAIRS, is leaving U of T to run his own public relations and communications consulting company. His resignation, announced by Professor Michael Finlayson, vice-president (human resources), is effective March 31.

### Provost penny-pinching

DEPARTMENTS THAT CANNOT MEET THEIR ALLOCATED BUDGET REDUCTIONS should not come to the provost's office for help, Provost Adel Sedra told the Budget Committee March 2 when it held its first-ever open meeting. Professor Craig Brown, chair of history, said the Department of Computer Science does not expect any retirements for the next six years and he suggested bridge financing be made available in such a case. Sedra replied that a request of that nature should be made to the dean of the Faculty of Arts & Science. At its next meeting March 23 — also an open meeting — the Budget Committee will discuss the University's budget.

## Pork Bellies Show Gain

FIVE HUNDRED PIGS IN Pickering are feeding at the University's trough.

Their stomachs are being filled at David Bibb's farm to help U of T meet its goal of reducing waste by 60 percent. The farm, Hy-Hope, near the Pickering-Ajax line, takes scraps from the University's major food service operations. The swine find the slop delicious, said Gary Nower, U of T waste management manager.

The arrangement is one of the ways the University is trying to reduce, reuse or recycle as much campus garbage as it can. So far U of T is on target. Since 1991 the St. George campus has reduced the waste it sends to the dump by 50 percent.

And the hogs are eating up the project. "He (Bibb) trucks it back to his farm, where he cooks the food," said Nower. "Then he runs it down a trough and the pigs eat it. It's quite

an operation. But they don't like green peppers."

The porcine project is part of U of T's Waste Reduction Policy. The policy has been so successful Business Board members approved an expansion at its meeting March 7. The Environment Protection Policy will, among other things, monitor noise and odour pollution and reduce use of harmful chemicals including salt, pesticides, herbicides and cleaning agents.

An environmental protection advisory committee, with representatives from faculty, administrative staff and student groups, will advise Janice Oliver, assistant vice-president (operations and services), on programs to meet environmental objectives on all three campuses.

"We can take pride in our progress and the contribution made to the protection of the environment," Oliver wrote in a memorandum to

the board. "Nevertheless, a considerable amount of work remains to be done to reach the goal of 60 percent."

The University collects scrap wood, which is recut or reprocessed, and arranges for worn-out fridges, freezers and stoves to be picked up with scrap metal for recycling. Batteries are recycled at the Faculty of Arts & Science and the Medical Sciences Building; computer ribbons and laser cartridges are returned to manufacturers for recharging; and tires found on campus are sent to a factory to be made into rubber crumbs and later turned into products such as mats and highway sound barriers.

In 1992-93 more than 220 tonnes of paper, 120 tonnes of cardboard, 1,800 cubic yards of bottles and cans, 900 cubic yards of wood and 75 tonnes of organic food and yard waste were diverted from the landfill by U of T.

## Ethnic Mix Changes Student Body

~ Continued from Page 1 ~

The change has implications for everything from food service on campus to course offerings and demand for writing labs, Neelands said. For instance the survey found that students for whom English is a second language often lack confidence about their writing even though 75 percent studied English for five years in high school.

Colleges strongly identified with U of T's white, Anglo-Saxon past are becoming more diverse, according to the 1993 survey. At 65 percent Victoria College has the largest proportion of students whose first language is English. In contrast, however, five other Canadian universities — Brock, Calgary, Guelph, King's College (London) and Nipissing — report English as the first language of between 88 and 91 percent of all new students. Only Ryerson approaches U of T; York University was not surveyed.

Kelvin Andrews, U of T's race relations and anti-racism initiatives officer, welcomed the survey's findings. "I think that the more the University reflects the society in which it is functioning, the better

off we all are," Andrews said. The diversity of the student body, he added, "is not as deeply reflected" in faculty and staff numbers. "But with policies that are now in place we are on our way to changing that picture as well."

Professor David Cameron of the Department of Political Science, who has conducted research on cultural pluralism in Canadian society, said the results "confirm one's everyday experience, being a faculty member, that diversity is remarkable and omnipresent at the University. I think it's striking the extent to which the cultural diversity of the city and region is reflected at U of T. Clearly it shows the sons and daughters of people who have come to Canada and Toronto recently are in substantial numbers coming to U of T."

But Kirkness emphasized the survey deals with more than demographics, shedding light on unexplored, disparate and even humorous aspects of life at U of T. It covers such personal facts as drinking habits, disabilities, hobbies, self-esteem, fitness and academic aspirations.

Here is a cross-section of student responses:

- only seven percent of new students smoke cigarettes regularly. Put in perspective this is a smaller group than those who say they can play bridge well (11 percent)
- asked if they "felt overwhelmed by all I had to do," 84 percent answered yes, including 22 percent who feel this way frequently
- male students drink more beer. Fourteen percent drink it frequently, compared with eight percent of female students. About half the students do not drink beer. The rest are moderate beer drinkers
- sixty-eight percent say they frequently oversleep and miss a class. This is in spite of high ambitions. Asked the highest academic degree they sought, just 16 percent would be satisfied with a baccalaureate. Twenty-nine percent hope to earn a master's and 23 percent, a PhD. Others want degrees in law and medicine
- forty-eight percent use a personal computer frequently, 12 percent not at all
- asked if they "cheated on a test in school," 24 percent said frequently, 41 percent, occasionally and 35 percent, never.

## U of T Garners Six Killam Fellowships

~ Continued from Page 1 ~

work — where available light is inadequate to perform a job fast enough, says Mrosovsky. A method involving exercise without pharmacological manipulation would be especially worth researching, he states.

The basic theory of how light propagates in and is scattered by structures called "gratings" is far from understood and is the subject of Sipe's research. Gratings are periodic variations in the density, chemical composition or thickness of optical fibres, he explains. Optical fibres are rapidly becoming the dominant mode for the transfer of information and Sipe's work is related to "a new frontier in information processing," he says.

Tremaine's research will focus on astrophysical issues: how do the

orbits of the planets and other bodies in the solar system behave over billion-year time scales and how has this behaviour influenced the present configuration of the solar sys-

tem? He also intends to use a portion of his fellowship to begin work on a graduate textbook in celestial mechanics. Most books, he says, are 30 to 100 years out of date.

UNIVERSITY OF TORONTO

## THE BULLETIN

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# Athletics Department Vows Equal Funding

BY SUZANNE SOTO

MEN'S AND WOMEN'S COMPETITIVE sports teams at U of T must receive equal funding, the council of the Department of Athletics & Recreation (DAR) has decided.

The department must also undertake building and policy changes to make the Athletic Centre a safer and more comfortable place for female members. These include installing an electronic security system, providing a supervised "women-friendly" weight room and eliminating extra fees for fitness classes.

Feb. 28 the council approved key recommendations of the department's report of the Task Force on Gender Equity. Based on estimated costs attached to about half the recommendations, DAR's expenditures could be at least \$600,000.

Ian McGregor, the department's director, said in an interview after the meeting that the council's support for gender equity is a very positive step. However, the department — expected to finish this academic year with a \$300,000 deficit arising from a drop in non-student membership revenue — will not be able to implement all the recommendations in 1994-95. Instead it will begin addressing the issue in next year's budget. Full gender equity, as suggested by the task force's report, will probably be implemented in the next three to five years, he said. The council will meet March 21 to discuss the 1994-95 budget which will be presented to University Affairs Board in April.

One recommendation that did not have a specific dollar value but elicited much response was the call for equal funding of men's and women's intercollegiate teams. Female teams

now receive about \$65,000 less annually than male teams from the department's budget. Some council members were concerned that bridge funding would be taken from the budgets of male teams. Others argued equity in sports funding is not only long overdue but expected by many at the University.

"If we fail to have a budget that gives men and women equality we are going to be open to tremendous criticism," said Professor Bruce Kidd, director of the School of Physical & Health Education and a member of the equity task force.

McGregor said he would oppose taking money from men's competitive programs to allocate to women's; instead he favours a raise in the level of women's funding. When this happens, teams will be able to spend their funds as they choose including strengthening current programs, creating new ones or both.

Heated debate accompanied the approval of renovations to athletics facilities. This includes the provision of a bigger pool change room for women in the Athletic Centre's Stevens wing, the refurbishing of the Field House's weight training area to make it more "women-friendly" and the creation of a dressing room for female hockey players at Varsity Arena.

"To say the weight room should be 'women-friendly' is actively, blatantly sexist and discriminatory," said alumni representative Bill Franklin. Instead, he suggested, it should be "user-friendly" to accommodate men of smaller frames as well as women. But Kristine Drakich, a staff representative, noted weight rooms in general are not inviting to women and the department should create one where they feel "encouraged and comfortable to experiment and learn."

# Our Türkiye



COURTESY JAN BECKER

Aya Sofya, a church that became a mosque and is now a museum, is one view of Our Türkiye as seen through the eyes and cameras of students in introductory and intermediate Turkish courses. Many more sights, chosen by the students to illustrate the geography, history and culture of the country they visited, are on display at Robarts Library until the end of April.

## Free Tuition Perk Could Be Replaced

BY ALFRED HOLDEN

FREE TUITION FOR DEPENDENTS of faculty and librarians may soon be replaced by a system of scholarships, redeemable at any accredited university.

The arrangement, negotiated with the U of T Faculty Association (UTFA), was approved by Business Board March 7. UTFA will ask its members for their response before accepting the deal.

The estimated \$625,000-a-year cost to the University is expected to remain unchanged, said Professor Michael Finlayson, (vice-president, human resources), but otherwise the benefit has been substantially

revamped. Among the proposed changes:

- in lieu of a full tuition entitlement, which is taxable as a benefit to the employee, scholarships equal to half an arts and science tuition of \$2,100 would be granted directly to the student. Since most students are in a lower tax bracket than their parents, the scholarship's dollar value works out to roughly the same as the current system
- students would have to score an average of 80 percent or higher on their best six Ontario Academic Credits to receive the scholarships; or they would have to earn at least a B average in any subsequent year of study at university. Currently they

need only meet the requirements of the particular U of T program in which they are enrolling

- the scholarships, worth just over \$1,000, could be applied to tuition at any accredited university in the world.

Finlayson told board members the proposed change would double the number of people who could potentially benefit, at no additional cost to the University.

He estimates faculty and librarians have about 1,400 children aged 17 to 23, the age most likely to participate. About 300 now attend U of T with free tuition. Finlayson said other U of T employee groups are interested in a similar deal, but so far no action has been taken.

## CULTS & COLLEGE

### A Personal Story

BOB ATTRAN USED TO BELONG to a group that he says is a cult.

A native of Iran, Attran lived in England from 1984 to 1989. He attended his last year of high school in Toronto and at 19 enrolled at U of T to study physiology. A few weeks into the school year, he was approached outside University College by two young men who invited him to a Bible study session. He was not interested, "but they were so nice and polite that I couldn't say no."

Soon he became a member of the

Toronto Church of Christ and spent 20 hours a week on church activities. One day Attran came across a book on cults and recognized some of the practices it described. However, he had been forewarned by the church to expect persecution and initially thought the book was an attack on his church. Then he discovered it was published before the church was formed in 1979. "That scared me," he recalled.

After secretly conducting his own research he told his leaders that he had some serious reservations about the organization. They bombarded him with criticism but when they failed to persuade him he was wrong, everyone withdrew. "It was the hardest time of my life," Attran said.

Today he is back on his feet and active in cult education. He hopes U of T will follow other universities' examples and no longer rent the church campus space. The University's concerns about the sanctity of freedom of association and expression don't wash with Attran. Those privileges are lost when students join cults: members are discouraged from associating with their families and from thinking critically, he said.



Bob Attran

### Cults Attracted to Toronto

~ Continued from Page 1 ~

Now there are only a few cults at Cornell, Loomis said — "far fewer than when I started this work 20 years ago. Our campus is tuned in to the presence of cults and is more alert to them than other campuses might be."

David Neelands, assistant vice-president (student affairs), takes Loomis' description of Toronto as "cult city" with a grain of salt. However, he said, "groups with aggressive recruiting techniques" are a serious matter and he hears of them from time to time when students come to his office to complain. In some cases the organizations are registered as campus groups; if they are not involved in illegal activities there is nothing wrong in registering them, said Neelands. "We are very concerned about freedom of association and expression."

The office of students affairs does not have a cult education program but is keen to help residences and colleges that do, Neelands said.

Ann Yeoman, dean of women at New College, has inadvertently become one of U of T's cult specialists. It was not one of her goals, she said in an interview, but when she joined U of T in 1987 four students at New College were "hassled continuously" by the Toronto Church of Christ. The following year one of the college's first-year students, an active member of the church, spent a great deal of time proselytizing inside the college. In order to be knowledgeable enough to educate the college's 14 dons about the church and other groups, Yeoman began collecting information. If something had not been done, the college might have turned into "Toronto Church of Christ College," she commented.

Yeoman does not use the word cult to describe the church or any other organization. "It's a dirty word. Anyone affiliated with a religious group tends to see it as an attack against religion," she said. Instead she uses the term "high-pressure group that uses deceptive and coercive recruiting techniques." Groups of that nature concern her because undergraduate students are easy prey. Having left their families for the first time in their lives and living in unfamiliar surroundings, young students are at a vulnerable stage in their lives, she said.

The campus community does not always take Yeoman's concerns seriously — and for a good reason, she suggested. "I don't think you are in a position to realize how much of a problem it is until you have encountered it first-hand. I don't think there's any way to appreciate how insidious the groups are and how powerless the student is." Because she has seen how students and their families are affected she continues to help them. "We are really putting ourselves in a bad position if we don't get our heads out of the sand and at least start to educate the community so people can make informed choices."

Academic success and retention rates are affected if students feel alone during the difficult university transition phase, Yeoman said. She is concerned that residences, which do not generate income for the University, might be subject to budget cuts. This could endanger the don program, she worries. At a sprawling campus like U of T's, the residence-college system is particularly important, she says, because it provides the kind of support that vulnerable students need when they encounter problems — problems such as high-pressure groups.



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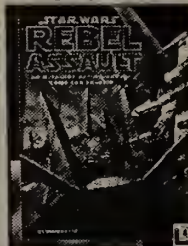
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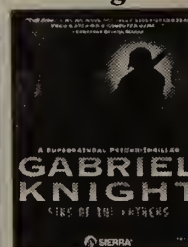
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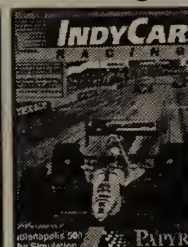
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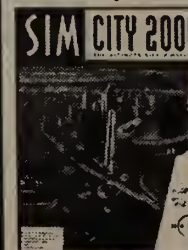
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# Sedra: Cuts, Not Plan Will Cause Layoffs

BY SUZANNE SOTO

**R**ADICAL GOVERNMENT FUND-  
ing cuts, not his comprehensive  
academic restructuring plan, will lead  
to the layoff of untenured faculty  
members, Provost Adel Sedra says.

Although the document, Planning  
for 2000: A Provostial White Paper  
on University Objectives, recom-  
mends the closure of academic pro-  
grams that do not meet a "threshold  
of acceptability," it is funding cut-  
backs that will determine the num-  
ber of jobs lost over the next six years,  
Sedra said in an interview March 10.  
"When budget cuts occur, some peo-  
ple lose their jobs, that is inevitable.  
But we would have to face that prob-  
lem whether there was a white paper  
or not."

The white paper says a program  
must meet several criteria to reach the  
threshold of acceptability. For ex-  
ample, it must be in demand and  
must be seen to be among the top  
third of similar programs offered in  
Canada or be the only program of its  
kind in Ontario. The program must  
also make efficient use of the re-  
sources committed to it.

Sedra said the white paper will  
help to minimize the pain and dis-  
ruption of layoffs. The long-term  
plan will allow faculty and staff to  
take advantage of early retirement  
schemes, and it paves the way for  
the amalgamation of programs and  
the transfer of faculty between units  
and campuses.

However, Professor Bill Graham,  
president of the U of T Faculty  
Association (UTFA), said he believes  
the acceptability threshold will play  
a crucial role in any future layoffs.  
The section, he said, clearly outlines  
the criteria and procedures that will  
be used to eliminate programs and, in  
turn, lay off faculty.

Graham said that while program  
cuts may be necessary, UTFA fears

the administration will use the crite-  
ria to fire untenured tutors, research  
associates and part-time faculty. This,  
he said, would be a relatively "easy and  
cheap but completely unprincipled"  
way of achieving budget reductions.

He said that despite the bleak  
funding prospects, the University  
could explore alternatives to layoffs.  
"It is true that we have to plan care-  
fully over the next few years but this  
is a wealthy University with strong re-  
sources, so we don't have to resort to  
poor management tactics."

Governing Council will have an  
opportunity to discuss the white  
paper March 31. The general prin-  
ciples of the document were endorsed  
by Academic Board Feb. 24.

Reaction to the paper has been  
mixed. Professor Desmond Morton,  
principal of Erindale College, said  
his college's faculty and staff are op-  
timistic about being able to rise to the  
challenges outlined in the paper, par-  
ticularly those calling for major bud-  
get cuts. "For an institution that was  
grotesquely underfunded to start  
with, we've managed to meet every  
cut so far and saved morale in the  
process," he said.

However, he is personally disap-  
pointed the paper recommends the  
funneling of more financial re-  
sources, and therefore control, to the  
central administration rather than to  
the divisions. "Money will be taken  
away from all divisions so that there  
will be a fund for the provost to dis-  
tribute at his discretion." It remains  
to be seen how well that system will  
work, Morton added.

Tony Burgess, president of the  
Graduate Students' Union, said the  
paper's policy directions regarding  
graduate students is inconsistent.  
The paper suggests that PhD stu-  
dents complete their degrees within  
four years but it contains no initiatives  
to increase funding to graduate stu-  
dents, he said.

# Spectator Sport



JEWEL RANDOLPH

*This little tyke, drumstick in hand, has her eye on the experts — The Eagleheart Drummers — during a drum ceremony at Scarborough College's native awareness day March 7. The event was part of Mosaic IV Unity in Diversity, a week highlighting the music, dance and fashion of various ethnic communities. Other highlights were Race Unity Day, International Women's Day and the finale, the Mosaic cultural show. The college's students council sponsored the week's events.*

# Dictionary Wins Reprieve — but Workforce Is Cut

BY SUZANNE SOTO

**A**T LEAST FOUR *DICTIONARY OF*  
*Canadian Biography* employees  
will lose their jobs and the next vol-  
ume will be delayed due to a severe  
funding cut by the Social Sciences &  
Humanities Research Council  
(SSHRC).

The council has rejected the *DCB's*  
request for a five-year, \$2.5 million  
grant. Instead it has given the project  
\$750,000 for three years and told its  
editor, Professor Ramsay Cook of  
York University, it will provide no  
further funds. The dictionary is pub-  
lished by U of T Press.

Cook said the council's 50 per-  
cent funding reduction means the  
project must cut its own \$1.3 million  
annual budget in half. As of April 1,  
four full-time and one half-time po-  
sition will be eliminated, effectively  
reducing the *DCB's* staff comple-  
ment of editors and researchers by 50  
percent. This will in turn result in a  
one-year publication delay to 1998 of  
Volume XIV. Work on Volume XV,  
to have started in January, has been  
suspended. The 34-year-old project  
is also looking for smaller and cheap-  
er quarters than its present location  
at 243 College St.



Ramsay Cook

Despite these measures and even  
with additional funds supplied by  
two U of T trust funds — which  
pump about \$250,000 a year into the  
project — the *DCB* will probably  
have a \$400,000 funding shortfall in  
1996-97, Cook said. He is now vig-  
orously trying to raise funds from  
the private sector and other federal  
and provincial sources.

Cook said he was informed in  
November the project would not re-  
ceive funds under the council's new  
major collaborative research initia-  
tives program. Introduced last fall to  
replace the former major research  
grants that funded the *DCB* in the

past, the program grants money to  
new and ongoing projects for up to  
five years and a maximum of  
\$500,000. The *DCB* applied for the  
maximum amount in June.

A council adjudication commit-  
tee decided against renewing the pro-  
ject's funding based on conclusions  
from a site visit and four project re-  
views by external assessors. Although  
impressed with the quality of work,  
committee members and some as-  
sessors believed the *DCB's* research  
could no longer be considered  
"frontier, ground-breaking or field-  
changing." The project itself "has  
become somewhat outdated in its  
methodology and its theoretical as-  
sumptions," they wrote, and is, there-  
fore, "not as intellectually or social-  
ly important" as some of the 20 other  
projects competing for funds.

Cook, who has copies of the four  
assessments, disputed the commit-  
tee's interpretation. The assessments,  
he said, did include some criticism of  
the project but all, even the most  
critical, recommended that funding  
be continued.

Following a request by the  
University that SSHRC re-examine  
the matter, the council decided to  
give the project transitional funding  
until 1996-97.

"I can only speculate that the coun-  
cil itself, having accepted the rec-  
ommendation of the adjudication  
committee, concluded it had a long-  
term commitment to this project and  
to end it abruptly was not satisfac-  
tory," Cook said. Although he is opti-  
mistic about the project's future, "only  
time will tell if we'll find the funding  
necessary to go beyond 1997."

In the past 30 years SSHRC has  
given *DCB* grants totalling over \$15  
million. The project has supple-  
mented these funds with money from  
trust funds and has raised another  
\$1 million since 1989.

# Five U of T Achievers Win Excellence Awards

**F**IVE OUTSTANDING MEMBERS OF  
the U of T community are 1994  
winners of awards of excellence from  
the University of Toronto Alumni  
Association (UTAA).

Winners are: Professors John  
Kirkness, the provost's adviser on  
undergraduate education, and Harvey  
Anderson of the Departments of  
Nutritional Sciences and Physiology,  
Claire Alleyne, registrar for the  
Faculty of Education, and fourth-  
year students Nicole Nolan and  
Stephanie Reibetanz. The students  
will each receive a \$12,000 John H.  
Moss Scholarship to help continue  
their education.

Anderson is the winner of the  
Faculty Award. It recognizes excel-  
lence in teaching and research that  
has brought international recogni-  
tion to U of T. As acting dean of  
the faculty, Anderson established a  
new curriculum and reorganized the  
administration.

Kirkness becomes the first

recipient of the new Joan E. Foley  
award, recognizing outstanding con-  
tributions to the quality of student ex-  
perience at U of T. As acting liaison  
between faculty, staff and students,  
Kirkness has worked on numerous  
projects to improve the quality of  
teaching and student life.

Alleyne wins the Chancellor's  
Award for continued outstanding  
service to both the University and  
the community. She is known to staff  
and students for her effectiveness,  
enthusiasm and concern, say letters in  
support of her nomination. She has  
served on numerous committees in-  
cluding the provostial advisory group,  
the president's advisory committee  
and the board of governors of the  
Ontario Institute for Studies in  
Education.

Nolan is editor of Victoria  
College's literary magazine, *Acta*  
*Victoria*, past news editor of *The*  
*Varsity* and has taught news writing  
for the Canadian University Press. A

Robson scholar who was on the  
dean's list in 1993, Nolan is finishing  
a four-year BA in literary studies and  
history and plans to do graduate work  
in English studies.

Reibetanz, who entered U of T  
with an Arbor scholarship, is com-  
pleting philosophy and English at  
Victoria College. After earning her  
BA she plans to enter graduate school  
in political philosophy. Reibetanz is  
also interested in public speaking,  
journalism, drama and music.

Four other students who were  
runners-up in the Moss scholarship  
competition were recognized as  
UTAA scholars. They are Nancy  
Broughton, David Lewis Cope,  
Stanley Yao-Wen Ho and Urmila  
Sarkar.

The award recipients will be hon-  
oured April 6 at a dinner in the Great  
Hall at Hart House. The annual  
awards recognize outstanding  
achievement among the University's  
faculty, staff and students.



# Streetsmart Ideas Wanted

FOR YEARS, IT HAS BEEN THE great divide. A collision of the historic and the drearily modern, the stretch of St. George St. between Bloor and College Sts. seems to embody U of T's curiously split personality: to the east, the venerable stone piles instantly recognizable as the hallowed halls of academe; to the west, the grimly functional concrete-and-steel boxes that symbolize to many the cold facelessness of the contemporary institution; and down the middle, a ceaseless rush of traffic buzzing toward the downtown core.

For the students and staff who trudge down its sidewalks day after day, the uncongenial environment on St. George St. is a continual source of complaint. There is, however, an opportunity now to do more than grumble. The University's planning office has decided to organize an "ideas" competition, in the hope of stimulating some imaginative proposals for improvements to the street.

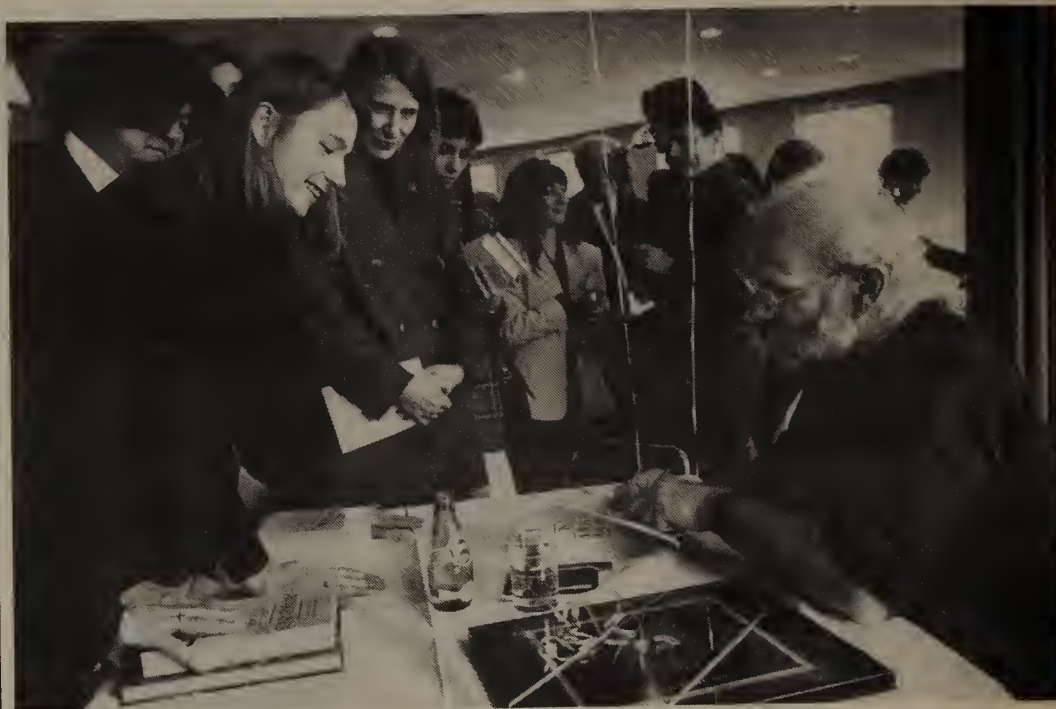
The contest, to be held this spring, will be open to anyone interested in participating, said Elizabeth Sisam, research and planning officer in the office of the assistant vice-president (planning). Its official start date will be announced shortly in campus newspapers while contest information packages will be available at her

office within the next month. Entries will be judged by members of the University, the city and the adjacent community. Winners will be awarded cash prizes.

"Rather than simply retaining a consultant to look at design alternatives, we thought it would be best to open it up to the community," Sisam said. "In my experience, the people likely to come up with the best ideas are the ones who actually use the street. Something interesting might come from someone who knows nothing about architecture or engineering or any other planning-related discipline but just has a good common-sense idea that happens to work."

The plan for a competition has sparked the interest of the Ontario Public Interest Research Group (OPIRG), long a vigorous advocate of closing the street. Andrea Calver, coordinator of OPIRG-Toronto, said her group is eager to take part in the process and plans to encourage students to enter. "Any opportunity to make changes to the street is a positive thing," she said. "Anyone who steps on St. George can recognize that there's a problem. If students interested in pedestrian and cycling issues have an opportunity to give their input, they'll come up with a lot of ideas."

# Tomes to Treasure



Dr. Oliver Sacks, renowned author and neurologist, signs copies of his latest book at the Department of Psychiatry's second annual book launch Feb. 25. Sacks is best known for his experiment using the drug L-dopa to treat survivors of a sleeping sickness, widespread in the 1920s. His experiences were documented in his book *Awakenings*, made into a movie starring Robin Williams and Robert de Niro. The event, held at the Clarke Institute of Psychiatry, featured the publication of 29 books published by members of the department.

ANDRE SOROUJON

# Income-Contingent Plan Debated

IF AN INCOME-CONTINGENT RE-payment system were implemented, a greater share of the cost of post-secondary education might be carried by students, but it would not necessarily mean an increase in university revenues, a conference at McMaster

University heard Feb. 11.

This information came as a surprise to some, said Dan Lang, assistant vice-president (planning), who attended the event.

Plans for income-contingent repayment systems, which allow graduates to repay their student loans according to the level of their income, are usually accompanied by plans for substantial increases in tuition fees. However, as fees go up, government funding will probably go down, leaving university income unchanged, participants at the conference heard.

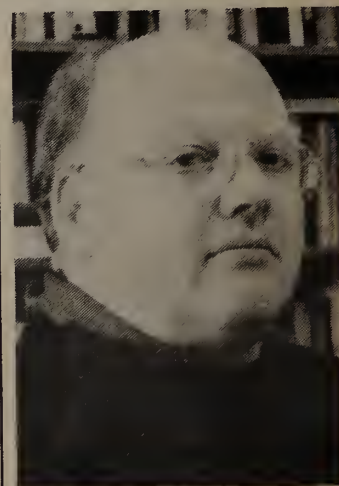
The conference was organized by the Council of Ontario Universities and the economics department at McMaster. COU favours income-contingent repayment and the council's position has been endorsed by U of T. The Students' Administrative Council at U of T also supports the notion, while the U of T Faculty Association, along with provincial and national organizations of faculty associations, oppose it.

"The system is simply a way for governments to opt out of their responsibilities for the post-secondary education system," said Professor Bill Graham, president of UTFA. Graham did not attend the conference in Hamilton. Had he been there he would have told participants that increased tuition fees "is a horrible burden to put on students' backs." It does not solve the problem of equal access to universities, said Graham, because it presupposes that students come from a background where it is acceptable to take out a 20 to 30 year loan to pay for education.

However, accessibility has not been adversely affected in Australia, which has operated an income-contingent system since 1989, said Professor Stefan Mochnacki of the Department of Astronomy. He attended the conference and said a speaker from the Australian National University discussed studies of the Australian scheme that show "no

significant change regarding perceived accessibility." Meanwhile enrolment in Australia has increased.

The Australian speaker also told the conference that students are charged a flat tuition fee of \$2,500 a year. If paid up front, they receive a 25 percent discount. However, 80 percent pay their fees according to a system based on taxable income. If they earn less than \$28,000 a year, they pay nothing; when they earn between \$28,000 and \$41,000 they pay back two to three percent of their income a year; those who make more than \$41,000 must repay four percent.



Dan Lang

The idea of an income-contingent system has been debated in Canada for several years and interest is mounting as government cutbacks continue.

The Ontario government has yet to state its view, said Richard Jackson, manager of policy and communication in the student support branch of the Ontario Ministry of Education & Training. However, the scheme cannot be implemented by one province alone, he said. The federal government's involvement is needed.

To explore the national implications of such a system, ministry and COU officials are making preliminary plans for a symposium this fall, he said.

## The University of Toronto Faculty Association announces the UTFA TUITION BURSARY AWARDS 1994/1995



Ms Janine A. Clark



Ms Anna M. Greene

UTFA awarded two newly established *Tuition Bursaries* for the academic year 1994/95 to Ms Janine Astrid CLARK (Political Sciences) and Ms Anna Maria GREENE (English Literature). Both will not have to pay their tuition fees and incidental costs up to the amount of \$2,000.00. These *UTFA Tuition Bursaries* can be renewed for subsequent years conditional upon demonstrated need and satisfactory academic standing.

Two other (one graduate and one undergraduate) *UTFA Tuition Bursaries* will be awarded for the academic year 1995/96. Students from all faculties are eligible and encouraged to apply starting in February 1995.

The *Tuition Bursaries* were set up, because UTFA believes that an inability to pay tuition fees should not be a barrier to obtaining or to continuing a university education.

The United Nations "International Covenant on Economic, Social and Cultural Rights", acceded by Canada on May 19, 1976, and which came into force on 19 August 1976, states: The State Parties to the present Covenant recognize that, with a view to achieving the full realization of this right: Higher education shall be made equally accessible to all, on the basis of capacity, by every appropriate means, and in particular by the progressive introduction of free education (Article 13 (2) (c)).





## THE RIGHT LABEL FOR UNIVERSITY COLLEGE

The provost's white paper (published Feb. 21) contains a disturbing error of fact when it refers to University College as a constituent college (6.4). At the risk of sounding antediluvian I draw attention to the University of Toronto Act, as amended in 1978. In item 7, University College is called "the provincial college"; in item 12(1) the constituent colleges are named: Erindale, Innis, New, Scarborough and Woodsworth. No confusion there.

An institution that is supposed to value history, language and law should be able to get this right. University College is *prohibited* from being a constituent college, no matter how much it might wish to join the club.

PETER RICHARDSON  
UNIVERSITY COLLEGE

## OISE SHOULD ABSORB FACULTY OF EDUCATION

*The Bulletin's* partisan regurgitation of the view from Simcoe Hall does a disservice to the OISE-U of T "merger" talks dictated by education minister Dave Cooke (Jobs Would Be Lost in Amalgamation, Feb. 14; U of T, OISE Prepare for Negotiations, Feb. 28). Responsible journalism includes presenting both sides of an issue rather than the unquestioned musings of the biased and uninformed. The NDP "shotgun

marriage" diktat has already placed OISE on an uneven playing field without Provost Adel Sedra's dissection of OISE and Professor Jack Carr's unsubstantiated and unjustified accusations of unequal OISE faculty quality. Repetition of the biased negotiating position of Simcoe Hall has done considerable damage to a situation that OISE approached in good faith.

President Robert Prichard et al seem to subscribe to the dicta of military strategists Sun Tsu and Clausewitz that the best defence is a good offence. They certainly are *offensive* in both meanings of the word!

It is my belief that if *any* merger must occur, then a more rational approach would be for OISE to absorb the Faculty of Education at U of T. It is well known that FEUT has been a milch cow for Simcoe Hall for over 35 years. OISE can give greater value for the FEUT budget than the 47 percent that Simcoe Hall skims off the top! Moreover OISE can teach FEUT a thing or two about faculty quality, relevant research, service to practising teachers and school boards and the real meaning of educational change.

In short we would be pleased to take FEUT off Simcoe Hall's hands and restore the reputation that it lost in the 1950s.

DAVID N. WILSON  
ONTARIO INSTITUTE FOR STUDIES  
IN EDUCATION

## FINANCES ARE BETTER THAN ARTICLES SUGGEST

Recent articles in *The Bulletin* have suggested that OISE's agreement to enter into discussions with the University of Toronto regarding the possibility of a merger is motivated by financial difficulties. The reality is that OISE has drawn down its reserve accounts to finance a significant reduction in faculty and support staff via early retirements. OISE's "deficit" is a debit against these reserve accounts. In effect OISE owes this money to itself. OISE's board of governors has directed its senior administrators to produce a balanced operating budget for 1994-95 and our intention is to do so. Plans are also being developed to ensure that OISE's operating budget will be in balance or produce modest surpluses to replenish our reserve accounts over the next decade. OISE accepted the minister's invitation to enter into discussions with U of T in order to explore new ways of better serving Ontario educators in partnership with FEUT and the University. In these times of financial constraint this seemed to be a worthwhile effort.

MALCOLM LEVIN  
ASSISTANT DIRECTOR (ACADEMIC)  
ONTARIO INSTITUTE FOR STUDIES  
IN EDUCATION

## PROFESSORS SHOULD STAND FOR ELECTION

The article about OISE gave me

the impression that a decision about the institute's future was made long before the article was written (Jobs Would Be Lost in Amalgamation, Feb. 14). Many of the students at OISE had the same impression when we heard that "consultations" with students, faculty and staff would take place to discuss the possibility of a merger with U of T.

The article reported that, most likely, professors from OISE would lose their positions when OISE merged with the Faculty of Education at the University of Toronto (FEUT). Further, Professor Jack Carr of the Department of Economics said that OISE's "faculty as a whole does not have a great reputation."

The faculty in my department (applied developmental psychology) conduct research funded by organizations which select only the most methodologically sound studies. The master's and doctoral students from the OISE "degree factory" now work in child development clinics in hospitals, as consultants and psychologists for school boards and management consulting firms, as directors and organizers of university and college counselling centres and as teachers at highly recognized universities throughout the world. Ironically a high proportion of graduate students at OISE graduated from FEUT. They are teachers, vice-principals and principals who attend OISE to learn how to teach skills such as basic literacy because

they have found that the methods they were taught earlier are not effective.

Professors, staff and students first welcomed the idea of joining forces with the University of Toronto. However, when unfounded comments about the integrity of research and quality of education at OISE are made by uninformed faculty at U of T, we begin to wonder about their level of involvement in the community and their awareness of scholarly research in real life issues such as the education of children. As students, we should ask ourselves how our "new" faculty will provide the excellence and experience that OISE is known for in its clinical work and research. If OISE must join FEUT, then in the spirit of fairness OISE students should be able to vote for the selection of their professors, because ultimately, tuition fees cover salaries for faculty.

MARGARET LESPERANCE  
ONTARIO INSTITUTE FOR STUDIES  
IN EDUCATION

## LETTERS DEADLINES

MARCH 18 FOR MARCH 28  
APRIL 4 FOR APRIL 11

Letters should be submitted on a computer disk in WordPerfect or plain text format, or on paper, typed and double spaced. Please include a telephone number and, if possible, a fax number.

## IN MEMORIAM

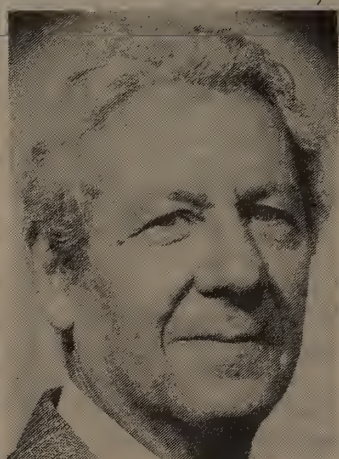
### Dignam Served as Chemistry Chair

PROFESSOR MICHAEL DIGNAM of the Department of Chemistry died suddenly in Australia Feb. 11. He had been invited to lecture at the International Conference on Surface & Colloid Science.

Dignam was one of Canada's leading physical chemists. Last spring he completed a five-year term as chair of U of T's chemistry department. University Professor Emeritus Adrian Brook, one of Dignam's friends and colleagues, said Dignam collapsed in a restaurant several hours after the long flight. His death at 62 "was totally unexpected."

Dignam was born in Toronto. He earned an honours degree in physics and chemistry and a PhD in physical chemistry at U of T. After working as research scientist for Alcan he returned to the University in 1958, becoming full professor in 1966.

Brook said Dignam would often get so wound up in his work that he would forget the dates of anniversaries and other special occasions. "Could he have been afflicted with a touch of absent-minded professoritis? I can vividly visualize him pacing back and forth during a discussion, with ener-



gy literally bursting from his body."

Among his other accomplishments, Dignam developed electrodes that converted sunlight into electricity and wrote more than 100 scientific papers and six book chapters.

"He was the sort of person whom everybody sought out for advice," said Professor James Guillet, a departmental colleague. Brook praised Dignam's decision before stepping down as chair to make several junior professorial appointments. "They have contributed new strength and vitality to the department," he said.



## Status of Women Officer

(\$53,098 - \$66,373 - \$79,648)

An exciting and challenging opportunity exists at the University of Toronto for a Status of Women Officer. This is a term position for a period of three to five years with the possibility of re-appointment. The Committee encourages applications from both Administrative and Academic staff. Special work arrangements and secondments will be considered.

Reporting to the President, you will advise and recommend on matters of policy and on problems concerning women's issues for students, staff and faculty, encourage research into the status of women and organize and sponsor activities relating to women at the University.

Qualified candidates will possess 5 years of experience in a university setting with a demonstrated understanding of the purposes and governance of the University of Toronto. A university degree or equivalent is required. Highly developed communication, interpersonal relation, organizational and programme development skills are required in addition to commitment and sensitivity to matters relating to employment and educational opportunity and equity. Knowledge of related legislation is necessary.

For confidential consideration please submit your resume by **March 22, 1994** to:  
**Status of Women Search Committee c/o Penny Hay-Roe/ Judy Ostrower**  
**Human Resources Department, 215 Huron Street, 8th Floor, Toronto, Ontario M5S 1A1.**

*In accordance with its Employment Equity Policy, the University of Toronto encourages applications from qualified women or men, members of visible minorities, aboriginal peoples and persons with disabilities.*



## ALL IN THE FAMILY

*The University's family care adviser can handle your kids, parents and work — but questions only!*

BY SUZANNE SOTO

JAN NOLAN, U OF T'S NEW FAMILY care adviser, admits she wanted the job the minute she heard about it last year.

As Hart House's former director of program activities, she enjoyed her work. But when she heard the University was creating a position to help its employees and students balance work, family and study obligations she knew it would bring her even greater satisfaction. It was something she had wanted to do for a long time.

For years, she says, many on campus had approached her on an informal basis whenever they needed assistance finding child care or dealing with work-related policies concerning family commitments, even though she had no direct responsibility for the matters. People knew that she not only cared deeply about such issues but was also very knowledgeable about the University and its services as well as assistance in the surrounding community.

Still she was somewhat surprised to receive two phone calls for advice the very day she was offered the job — several weeks before the Office of the Family Care Adviser officially opened Jan. 1. The phone has not stopped ringing since.

Operating as a two-year pilot project the office, above Nancy's Part-Time Child Care Centre at 40 Sussex Ave., is designed to promote a more family-friendly working and learning environment, she explains. Its four main functions are to act as an information and referral service on child and elder care and other family issues; educate the campus community about such matters; operate a resource library that contains information on everything from the first stages of pregnancy to coping with a par-

ent's onset of Alzheimer's disease; and develop policy directions on work and family concerns.

"U of T already has some excellent policies in place. Where we run into problems is in their interpretation," she says. "Certain departments are much more committed than others to providing their students, staff and faculty with opportunities to combine work with study and family lives."

So far she has handled more than 50 cases, the majority of callers and visitors being women, Nolan notes. Requests for assistance have included finding appropriate care for elderly family members during vacation time, obtaining legal assistance in family matters and dealing with the problem of returning to work

she taught at a private school in Toronto. In 1985 she joined U of T as the Graduate Students' Union's liaison officer; in 1988 Scarborough College hired her to coordinate its cooperative program in arts administration. She joined Hart House three years later. Along the way she married and now has a four-year-old daughter.

"This job has been a natural progression for me because I have always enjoyed working with students and parents and helping people," she says. "And I must tell you that I love it. I find the work very gratifying and inspiring. What some people go through to get themselves an education, especially single and working parents, is simply heroic."



while children are very young. She also organized a workshop for student parents on coping with finances and is planning seminars on elder care options and preparing for maternity leave.

Campus community members may phone Nolan at any time for information or to set up an appointment during the week. The office is open for walk-in consultations all day Monday as well as between 5 and 7 p.m. Tuesdays. The resource library is open throughout the week. Nolan's services are offered on a strictly confidential basis and she will call people after hours or at their homes if they wish.

Born in Edmonton, Nolan earned a BA in history from Carleton University in the late 1970s. She worked as a librarian for a computer firm, a job that brought her to Toronto in 1979. Three years later she "finally decided that what I really wanted to do was teach." After completing a BEd at U of T's Faculty of Education

HOMAFANIAN

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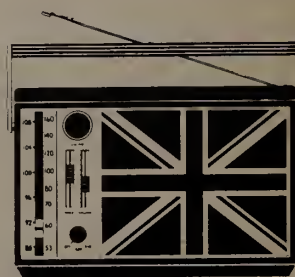
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# REFOCUSING, RENEWAL AND RESEARCH

*Heather Munroe-Blum plans to steer U of T's research enterprise in new directions over the next five years*

BY ALFRED HOLDEN

**J**UST NORTH OF THE ST. GEORGE CAMPUS IS A neighbourhood of Victorian homes and starkly modernist apartment buildings erected after the Second World War. Once a dowdy district of decaying rooming houses, the Annex has long since been gentrified. The problems it faces today — parking, traffic, monster additions — are in their own way symbols of success.

But since the boom of the 1980s, there has been a hard edge to the Annex's yuppie bliss: street people. They might formerly have lived in an attic or rooming house here. Now the disadvantaged, lost and left behind, huddle in shopfront alcoves on Bloor St.

Their desperation is a poignant reminder to Heather Munroe-Blum that her work is not yet done. Munroe-Blum, who assumed the office of vice-president (research and international relations) Jan. 1, grew up in the Annex in the 1950s.

A career social worker, she recalls a time that sounds strikingly like our own — “a transitional period where a lot of people were suffering economically and marginalized socially.

“As a kid this had an influence on me and probably shaped my desire to go into social work and the social welfare field,” Munroe-Blum explained recently during an interview in her office. Later, as a young woman studying social work at McMaster University, she discovered how elusive and difficult it was finding answers to social problems.

Munroe-Blum well remembers the early 1970s. There was an enormous amount of money emanating from Ontario's health and community and social services ministries to attend to the well-being of people. But something was missing. “I remember, as a young social worker working in psychiatry, that we were taught to do things,” Munroe-Blum recalls. “But where was the evidence that this was going to make a difference?” That question led Munroe-Blum into doctoral work and finally a commitment to research as the road to stronger solutions based on knowledge and experience. “I learned that research isn't the answer to everything but that with the right questions, consideration to values and having a research base, you could be much more effective in making change happen.”

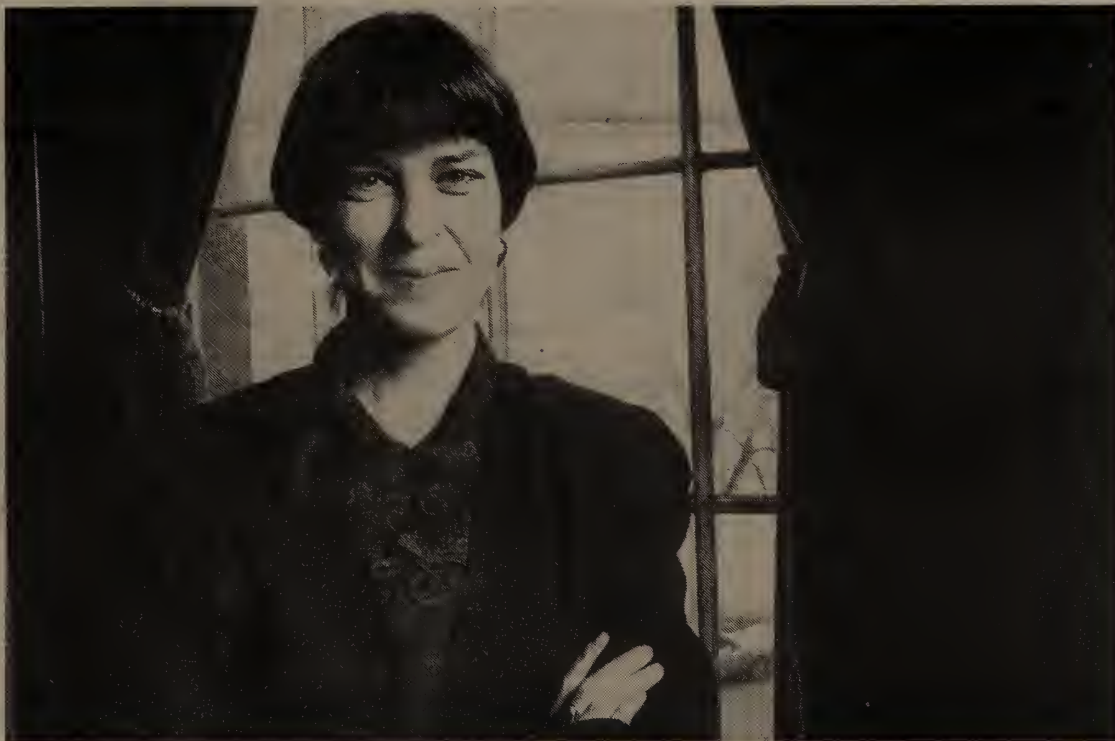
Now, as vice-president of research and international relations, Munroe-Blum takes over the heady responsibility for all research activity at Canada's largest university at what is admittedly an uncertain and ambiguous time.

In its March 1 budget, for instance, the federal government preserved funding to Canada's major granting councils, which contribute more than \$90 million a year to research at U of T. “There does seem to be a commitment to resources on the part of this government,” says Munroe-Blum. Yet researchers, like everyone who spends public money, are under increasing pressure to prove the value of what they do in a way the public — the ultimate peer review committee — understands.

And though granting councils escaped cutbacks, the basic

infrastructure of universities — dependent on operating funds from the province — is in jeopardy. A cap on federal payments to Ontario has created a provincial shortfall.

MUNROE-BLUM FINDS THAT THE U OF T COMMUNITY IS rightly asking how these converging factors will change the nature of research. Does this mean basic, building-block work will suffer at the expense of projects for which a high public profile can be generated? Will research in science and technology win out over the humanities and social sciences whose relevance is less celebrated in the 1990s? And if universities' basic funding is inadequate, will they be able to remain the hosts of major research projects? A complicating factor is the changing nature of international trade and communication. Munroe-Blum believes it is prompting educators to adopt a more global



outlook and expects to see research mirror that trend.

Steering U of T and its researchers through the stormy waters will take a lot of energy during her five-year term, Munroe-Blum expects. Hand wringing could be one response but the vice-president believes that if the public and government want to see justification for research, then universities must provide it. “There's a need for public communication on the importance of research and how high-quality basic science endeavour is a great strength to the province and to Canada that can contribute in unexpected ways to economic renewal and healthy social standards.”

Munroe-Blum points out that hospitals have been tremendously successful at raising funds for research by pointing to results, for example, a sick child who is cured. “U of T is home to an enormous range of theoretical and applied research, spanning humanity — you name it and it's happening here. We can tell some tremendous stories about our research in science and the humanities.”

Fortuitously these are stories Munroe-Blum seems well-positioned to tell. With a master of social work from Wilfrid Laurier University, a PhD from the Department of Epidemiology at the University of North Carolina at Chapel Hill and having held appointments as diverse as dean of the

Faculty of Social Work and professor in the Faculty of Medicine, she has empathy for pure and applied sciences as well as for social sciences. Her eclectically stocked bookcases at Simcoe Hall testify to her varied interests: Hong Kong's 1993 yearbook shares shelf space with a 1921 edition of Rose & Careless' *Manual of Surgery*; the *Financial Post Directory of Directories* keeps company with Kishimoto Koichi's *Politics in Modern Japan*; a box holds back copies of *Harper's*.

MUNROE-BLUM HAS ALREADY MADE OFFICIAL VISITS TO Ottawa and finds it is not all uphill for researchers. “One of the great pleasures of going to Ottawa,” she is glad to report, “is seeing the tremendous esteem that people there have for the University of Toronto.” She has met with presidents of granting councils and representatives of federal departments. “They

do listen to us, they want to meet with us and want to have us as partners. And I think we need to increasingly make ourselves available to work with them to achieve our common goals.”

Goodwill notwithstanding Munroe-Blum is blunt in her assessment that universities themselves could be more astute. Ottawa's other, more critical view of universities pegs them as “locally territorial, quick to complain when things go wrong and never giving a word of praise when things go right.” One granting council president told Munroe-Blum he'd never received a letter of thanks from a researcher. Now, as research demands partnerships with universities, governments and the private sector, it will be important for researchers to include the human factor in their work, she believes.

This will matter too as research becomes more international, calling on its participants to acquire “intercultural competence” — people's ability to work in cultures very different from their own. Munroe-Blum wants to give the international portion of her portfolio high priority and expand U of T's international research connections. She believes the University is in a strong position to do so with such a racially, ethnically and culturally diverse student body.

Munroe-Blum's predecessor, Professor James Keffer, began work on a white paper with this goal in mind. An advisory committee, chaired by the new vice-president, will complete the document this month. Expect to see emphasis on policies and principles supportive of international scholarship. Among other issues, Munroe-Blum foresees expanded student exchange programs that will require new funding — a major hurdle.

She admits her work is cut out for her. But it also seemed that way when she was a youngster at Huron St. Public School, just up the street in the Annex, 40 years ago. With this appointment the world has become her neighbourhood. Global problems are more pressing and perplexing than ever and from her viewpoint, more deserving than ever of the illumination that research can provide.



# EVENTS



## LECTURES

### The Medical Corps of a Late Medieval City: Barcelona, 1300-1350.

TUESDAY, MARCH 15

Prof. Michael McVaugh, University of North Carolina at Chapel Hill. 403 Carr Hall, St. Michael's College. 5 p.m.

### State Simplifications: Nature, Space and People.

WEDNESDAY, MARCH 16

Prof. James Scott, Yale University. Croft Chapter House. 12:15 to 2 p.m. *History*

### Making Sense of Medieval Culinary Records: Much Done but Much More to Do.

WEDNESDAY, MARCH 16

Prof. Em. Constance Heiatt, University of Western Ontario. Upper Library, Massey College. 2 p.m.

### Ethnic Conflicts: Can Scientists Help?

WEDNESDAY, MARCH 16

Prof. David Bell, York University; Prof. Robert Logan, Department of Physics; and Giovanni Brenciaglia, Pugwash Park Commission; University College lecture in peace studies. 140 University College. 8 p.m. *Science for Peace*

### Technological Horizons.

THURSDAY, MARCH 17

John Bradley, UTCC. Room 204, 4 Bancroft Ave. 8:30 p.m. *CCH*

### Birthing in Diverse Cultures and the Work of the World Heath Organization.

FRIDAY, MARCH 18

Beverly Chalmers, WHO consultant. Room 506, 203 College St. 3 to 5 p.m. *Ethnic, Immigration & Pluralism Studies*

### Ideas, Wealth Creation and the Health and Well-Being of Societies.

SUNDAY, MARCH 20

J. Fraser Mustard, Canadian Institute for Advanced Research. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

### The Future of Global Trade.

MONDAY, MARCH 21

Peter Sutherland, General Agreement on Tariffs & Trade. Auditorium, Koffler Institute for Pharmacy Management. 10:15 to 11:45 a.m. *International Studies*

### Mechanism of Action of Platinum Antitumour Drugs.

MONDAY, MARCH 21

Prof. Stephen J. Lippard, Massachusetts Institute of Technology; first of two A.R. Gordon distinguished lectures. 159 Lash Miller Chemical Laboratories. 4:10 p.m. *Chemistry*

### Contemporary Filmmaking in Western Africa.

WEDNESDAY, MARCH 23

Kabu Okai-Davies, playwright, film producer, poet, educator. Robert Gill Theatre, Koffler Student Services Centre. 8 p.m. *Graduate Centre for Study of Drama*

### Labour-Management Relations: Reflections on the Past — Challenges of the Future.

WEDNESDAY, MARCH 23

Victor Pathe, former deputy minister of labour-management services; Sefton

memorial lecture. Arthur M. Kruger Hall, Woodsworth College. 8 p.m.

### Electronic Composition.

THURSDAY, MARCH 24

Prof. M.-L. Craven, York University. 54B Wetmore Hall, New College. 8:30 p.m. *CCH*

### "Death Talk" in Canada: The Sue Rodriguez Case.

FRIDAY, MARCH 25

Dr. Margaret Somerville, McGill University; Philippa Harris lecture. Basement lecture theatre, Princess Margaret Hospital. 12 noon.

### Images of Canada: In Ethnic Perspective.

FRIDAY, MARCH 25

Prof. James Frideres, University of Calgary. Room 506, 203 College St. 3 to 5 p.m. *Ethnic, Immigration and Pluralism Studies*

### Methane Monooxygenase: Structure and Mechanism.

FRIDAY, MARCH 25

Prof. Stephen J. Lippard, Massachusetts Institute of Technology; final A.R. Gordon distinguished lecture. 159 Lash Miller Chemical Laboratories. 4:10 p.m. *Chemistry*

## COLLOQUIA

### Writing the History of the Cold War.

TUESDAY, MARCH 15

Martin Walker, Washington bureau chief of the *Manchester Guardian*. Combination Room, Trinity College. 4 to 5:30 p.m. *International Relations*

### The Politics of Difference: Toleration and Statehood in a Multicultural World.

TUESDAY, MARCH 15

Prof. Michael Walzer, Princeton University. 179 University College 7:30 p.m. *Philosophy*

### Why Can't We See the Free Nutation of the Earth's Fluid Core?

THURSDAY, MARCH 17

Prof. Thomas A. Herring, Massachusetts Institute of Technology. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

### Leibniz and Topological Equivalence.

WEDNESDAY, MARCH 23

Prof. Graham Solomon, Wilfrid Laurier University. 304 Victoria College. 4:10 p.m. *IHPST*

### The Universe: Are We Here by Chance?

THURSDAY, MARCH 24

Sir Denys Wilkinson, UK. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

### Reggio Emilia: Preschool Paradise?

FRIDAY, MARCH 25

Jen Hardacre, Institute of Child Study. Room 069, 45 Walmer Rd. 3 to 4:30 p.m. *Child Study*



## SEMINARS

### Physical Therapy for Musicians.

TUESDAY, MARCH 15

Barbara Paull, physical therapist. Auditorium, Medical Sciences Building. 7 p.m. *Physical Therapy*

### Gas Separation Using Membranes.

WEDNESDAY, MARCH 16

Prof. William J. Koros, University of Texas at Austin. 119 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

### A Framework for Maintenance Decision Making.

WEDNESDAY, MARCH 16

Prof. A.K.S. Jardine, Department of Industrial Engineering. 211 Rosebrugh Building. 3 p.m. *Industrial Engineering*

### Reflective Equilibrium in Practice: Implications for Methodological Debates in Bioethics.

WEDNESDAY, MARCH 16

Prof. Albert Jonsen, University of Washington; Philosophical Perspectives on Bioethics series. Room 936, 215 Huron St. 4 to 5:30 p.m. *Bioethics and Philosophy*

### The Genetic Investigation of Type I Diabetes Susceptibility Using an Animal Model: The Non-Obese Diabetic Mouse.

THURSDAY, MARCH 17

Dr. Philip Davies, Institut Pasteur. 417 C.H. Best Institute, 112 College St. 12 noon. *BDDMR*

### Complexity in Chemical Systems.

THURSDAY, MARCH 17

Prof. Stuart Whittington, Department of Chemistry; Mankind in Non-Linear Systems series. 211 Haultain Building. 3 p.m. *IES*

### The Greenbelt Project, Frankfurt am Main.

FRIDAY, MARCH 18

Peter Lieser, Frankfurt; Taylor/subterranean series. 2125 Sidney Smith Hall. 2:30 to 4 p.m. *Geography*

### What Methodology? Reading Augustan Poetry.

FRIDAY, MARCH 18

Prof. K. Sara Myers, University of Michigan. Walden Room, University College Union. 3 to 5 p.m.

### Shaping and Processing of Femtosecond Pulses and Applications.

TUESDAY, MARCH 22

Prof. Andrew Weiner, Purdue University. 134 McLennan Physical Laboratories. 4 p.m. *OLLRC*

### Effects of Paper Structure on Optical Properties.

WEDNESDAY, MARCH 23

B.D. Jordan, PAPRICAN, Point Claire. 119 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

### International Dispute Resolution: Are There Lessons for Industrial Relations?

THURSDAY, MARCH 24

Prof. Janice Stein, Department of Political Science; bag lunch discussion. Room 205, 121 St. George St. 12:30 to 2 p.m. *Industrial Relations*

### A Non-Linear Economic Game with Biological Roots.

THURSDAY, MARCH 24

Profs. Arthur Robson and Myrna Wooders, University of Western Ontario; Mankind in Non-Linear Systems series. 211 Haultain Building. 3 p.m. *IES*

### The Education of Achilles in the *Illiad*.

FRIDAY, MARCH 25

Prof. Robert J. Rabel, University of Kentucky. 152 University College. 3 p.m. *Classics*



## MEETINGS & CONFERENCES

### Budget Committee.

WEDNESDAY, MARCH 23

Council Chamber, Simcoe Hall. 5 p.m.

### Committee on Academic Policy & Programs.

WEDNESDAY, MARCH 23

Council Chamber, Simcoe Hall. 4 p.m.

### Antiquity and Antiquity Transumed.

FRIDAY, MARCH 25 TO

SUNDAY, MARCH 27

An interdisciplinary conference. Sessions at Northrop Frye Hall, Victoria College, except where stated otherwise.

FRIDAY, MARCH 25

Keynote address: James Ackerman, Harvard University. 9:15 a.m.

Session I. Historia: Constructing the Narrative.

1. Concerning Periodization.

Gemma Belozerskaya, University of Chicago, and Kenneth Lapatin, University of California at Berkeley; Catherine Harding, University of Victoria; Martine Furno, Université de Provence; Patrica Fortini Brown, Princeton University. 10:30 a.m.

2. Periodization (cont.).

David Galbraith, Department of English; Sheila Bonde, Brown University; Cathleen Hoeniger, Queen's University; Philip Sohm, Department of Fine Art; Amy Golahny, Lycoming College. University College. 2 p.m.

3. Teetzel Seminar in Architecture.

Christoph Thoene, Bibliotheca Hertziana, Rome; Alina Payne, Department of Fine Art; Gerhard Wolf, Bibliotheca Hertziana, Rome; Thomas Howe, Southwestern University; Mario Carpo, Ecole d'Architecture, Saint Etienne. University College. 2 p.m.

SATURDAY, MARCH 26

Session II. Imitatio: The Historical Imagination at Work.

1. Reconstructions: Architecture.

Hetty Joyce, independent scholar; Ann Kuttner, University of Pennsylvania; Richard Betts, University of Illinois at Urbana-Champaign; Myra Nan Rosenfeld, Canadian Centre for Architecture; Ben Nicholson, Illinois Institute of Technology. 8:30 a.m.

2. Quotations: Politics.

Jean Guillaume, Université de Paris-Sorbonne; Regina Stefaniak, University of California at Riverside; Catherine Wilkinson Zerner, Brown University; Nicola Courtright, Amherst College; Robin Williams, Savannah College of Art & Design. 8:30 a.m.

3. Reconstructions: Architecture.

Michael Koortbojian, University of Cambridge; David Booth, University of Montreal; John Pinto, Princeton University; Tod Marder, Rutgers University. 11 a.m.

4. Quotations: Spectacle.

Maria Teresa Marabini Moevs, Rutgers University; Anthony Miller, University of Sydney; John Astington, Erindale College; John Peacock, University of Southampton. 11 a.m.

5. Quotations: Sculpture.

Clifford Brown, Carleton University; Luba Freedman, University of Jerusalem; Joaneath Spicer, Walters Art Museum; Corinne Mandel, University of Western Ontario. 2 p.m.

6. Quotations: Gender.

Mitchell Frank, Department of Fine Art; Cristelle Baskins, University of Rochester; Peter Lynch, Randolph-Macon Woman's College; Bette Talvacchia, University of Connecticut. 2 p.m.

Plenary Session: Phyllis Bober, Bryn Mawr College. 4 p.m.

SUNDAY, MARCH 27

Plenary Session: Leonard Barkan, University of Michigan at Ann Arbor. 9 a.m.

Session III. Ut Pictura poesis: Exchanges between the visual and Literary Arts.

1. The Figural Arts.

Sylvie Deswarte-Rosa, Centre National de la Recherche Scientifique, Paris; Julia Perlman, University of Michigan at Ann Arbor; Rebekah Smick, Department of Fine Art; Carl Goldstein, University of North Carolina at Greensboro. 10:30 a.m.

2. Reflections on Art Historiography.

Warren Tresidder, McMaster University; Janet Brooke, Art Gallery of Ontario; Calvin Seerveld, Institute for Christian Studies; Michael Ann Holly, University of Rochester. 2 p.m. Registration fee: pre-registration \$60 or \$30 per day; \$75 or \$35 per day on site; students \$30. Information and brochure: 585-4486, fax 585-4591. *History of Art and CRRS*

### Voltaire et le comique.

FRIDAY, MARCH 25

Mini-colloque. Paul Bouissac, La profanation du sacré: Voltaire clown; Diane Harris, Le comique dans la *Relations de Berthier (Mélanges, p. 337-346)*; Peter Martenson, Le comique dans *Candide*; "Les frères ennemis — Voltaire et Rousseau, Besterman et Leigh"; Mise en lectures de la correspondance entre Voltaire et Rousseau, avec Jacqueline Rayer, Alan Drainard, Vittorio Frigerio, Aubrey Rosenberg et David Smith. Combination Room, Trinity College. 2:15 to 5 p.m.

### Creative Women of the Arts and Crafts Movement.

SATURDAY, MARCH 26

William Morris Society annual symposium. Women Stained Glass Artists of the British Arts and Crafts Movement, Peter Cormack, William Morris Gallery, London; Tracing Shadows: Victorian Women Photographers, Lori Pauli, National Gallery, Ottawa; The Glasgow Girls: Women in Art and Design in Glasgow — "That for Our Fathers, *This* for us," Jude Burkhauser, freelance curator and exhibition designer; Female Textile



## EVENTS

Designers/Artists of the British Arts and Crafts Movement, Simon Waegemaekers, Museum for Textiles; As Part of Our Daily Lives: The Women's Art Association of Canada, Lisa Panayotidis, School of Continuing Studies. 9:30 a.m. to 4 p.m. Registration fee: \$50, students \$15. Registration and information (905) 475-9370.



### MUSIC

#### TRINITY COLLEGE Choral Evensong.

WEDNESDAYS, MARCH 16  
AND MARCH 23

Trinity College Chapel Choir; Robert Bell, director. Trinity College Chapel. 5:30 p.m.

#### FACULTY OF MUSIC EDWARD JOHNSON BUILDING

##### U of T Baroque Orchestra.

WEDNESDAY, MARCH 16

Kevin Mallon, director. Walter Hall. 8 p.m.

##### Thursday Noon Series.

THURSDAY, MARCH 17

Performance by student string chamber ensembles. Walter Hall. 12:10 p.m.

THURSDAY, MARCH 24

U of Percussion Ensemble; Robin Engelman, director. Walter Hall. 12:10 p.m.

##### Essex Winds.

FRIDAY, MARCH 18

Canadian quintet, Essex Winds. Walter Hall. 12:10 p.m.

##### Faculty Artist Series.

SATURDAY, MARCH 19

A 20th-century American songfest. Walter Hall. 8 p.m. Tickets \$15, students and seniors \$10.

##### Electroacoustic Concert.

SUNDAY, MARCH 20

Faculty of Music presentation. Walter Hall. 2 p.m.

##### Opera Tea.

TUESDAY, MARCH 22

Final opera tea of the season. MacMillan Theatre. 2 p.m. Tickets \$15.

##### Jazz Combos.

WEDNESDAY, MARCH 23

Gary Williamson and Don Englert, directors. Walter Hall. 8 p.m.

##### Big Band Jazz.

THURSDAY, MARCH 24

10 O'Clock Jazz Ensemble, Paul Read, director; 11 O'Clock Jazz Ensemble, Phil Nimmons, director. MacMillan Theatre. 8 p.m. Tickets \$8, students and seniors \$5.

##### Central Band of the Canadian Forces.

FRIDAY, MARCH 25

Noon concert. MacMillan Theatre. 12:10 p.m.

##### Chamber Winds and Concert Band.

SATURDAY, MARCH 26

Cam Walter and Jeff Reynolds, directors. MacMillan Theatre. 8 p.m. Tickets \$5.

##### Women's Chorus and Radcliffe Choral Society of Harvard University.

MONDAY, MARCH 28

James Pinhorn and Beverly Taylor, con-

ductors. Walter Hall. 8 p.m. Tickets \$8, students and seniors \$5.

#### PONTIFICAL INSTITUTE OF MEDIAEVAL STUDIES SINE NOMINE Ensemble for Medieval Music.

FRIDAY, MARCH 18

Ensemble-in-residence, PIMS. Church of St. Stephen-in-the-Fields, 103 Bellevue Ave. 8 p.m. Tickets \$8, students and seniors \$6. Reservations: 638-9445.

#### ROYAL CONSERVATORY OF MUSIC

##### Royal Conservatory Orchestra.

FRIDAY, MARCH 18

Simon Streatfeild, guest conductor. Concert Hall. 8 p.m. Tickets \$9, students and seniors \$6.

##### Artists Series.

THURSDAY, MARCH 24

Jeffrey McFadden, guitar. Concert Hall. 8 p.m. Tickets \$9, students and seniors \$6.

##### HART HOUSE

##### Sunday Concert Series.

SUNDAY, MARCH 20

Mark Pedrotti, baritone; Wayne Vogan, piano. Great Hall. 3 p.m. Tickets at the hall porter's desk.

### PLAYS & READINGS

##### Bremen Freedom.

WEDNESDAY TO SUNDAY,

MARCH 16 TO MARCH 20

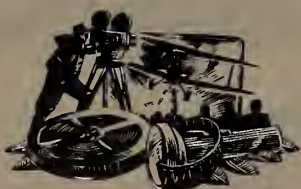
By Rainer Werner Fassbinder; translated by Denis Calandra; Jane Gibson, director. Graduate Centre for Study of Drama 1993-94 season. Robert Gill Theatre, Koffler Student Services Centre. Performances at 8 p.m. except Sunday 2 p.m. Tickets \$8, students and seniors \$6; Thursday, pay what you can. Reservations: Monday to Friday, 11 a.m. to 5 p.m., 978-7986.

##### The Dwarfs.

MONDAY, MARCH 28 TO

WEDNESDAY, MARCH 30

By Harold Pinter; directed by Colette Stoeber. Graduate Department for Study of Drama production. Robert Gill Theatre, Koffler Student Services Centre. 8 p.m.



### FILMS

#### UC Lectures in Peace Studies Film Night.

WEDNESDAY, MARCH 23

Peacekeeper at War: A Personal View of the Gulf War by Martin Duckworth; Collateral Damage by Leonard Farlinger. 140 University College. 8 p.m. Science for Peace



### EXHIBITIONS

#### SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE Federico Motterle.

TO MARCH 17

Work of Federico Motterle, Italian architect.

##### Student Work 2.

MARCH 21 TO MARCH 31

Work of architecture students. The Gallery, 230 College St. Gallery hours: Monday to Friday, 9 a.m. to 5 p.m.

##### ROBARTS LIBRARY

##### Romanian Art & Culture 1994.

TO MARCH 30

A variety of arts and crafts from present-day Romania. Main Display Area.

##### Photography Exhibition.

TO MARCH 31

Photographs taken by Middle East & Islamic Studies students while touring Turkey. 1st floor atrium. Hours: Monday to Friday, 8:30 a.m. to 12 midnight; Saturday, 9 a.m. to 10 p.m.; Sunday, 1 to 10 p.m.

#### THOMAS FISHER RARE BOOK LIBRARY

##### Fiat Lux: Medieval Manuscripts and Early Printed Books in the Thomas Fisher Rare Book Library.

TO APRIL 1

A survey of some of the intellectual activity of the Middle Ages through contemporary texts. Hours: Monday to Friday, 9 a.m. to 5 p.m.

#### JUSTINA M. BARNICKE GALLERY

##### HART HOUSE

##### Art Competition.

TO APRIL 7

Students and Hart House members. Both Galleries. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday and Sunday, 1 to 4 p.m.

#### SCARBOROUGH COLLEGE

##### Juried Student Show.

MARCH 16 TO MARCH 30

Student work. The Gallery. Gallery hours: Monday to Friday, 11 a.m. to 4 p.m.



### MISCELLANY

##### Workshop on Balkan Relations.

MONDAY, MARCH 28

Two lectures: The Politics of National Identity, Prof. Bogdan Denitch, City University of New York; and The Transition to Democracy and Market Economy in Eastern Europe, Prof. Milos Nikolic, University of Novi Sad. Croft Chapter House. 2 p.m. CREES



### DEADLINES

Please note that information for Events listings must be received in writing at The Bulletin offices, 21 King's College Circle, 2nd floor, by the following times:

Issue of March 28, for events taking place March 28 to April 11: MONDAY, MARCH 14.

Issue of April 11, for events taking place April 11 to 25: MONDAY, MARCH 28.

## Innis College Cafe

**Soups** **Daily Hot Entrees**  
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## Awards of Excellence

U T A A

The University of Toronto Alumni Association is pleased to announce the winners of the 1994 Awards of Excellence. Please join us to celebrate their achievements at the

## 1994 Awards of Excellence Dinner

Wednesday, April 6, 1994

at Hart House

Reception: East Common Room, 6 p.m.

Dinner: The Great Hall, 7:15 p.m.

**Dr. Harvey Anderson, Faculty of Medicine**  
**Department of Nutritional Sciences**  
Faculty Award

\*

**Dr. E. Claire Alleyne, Faculty of Education**  
Chancellor's Award

\*

**Professor John Kirkness**  
**Office of the Vice-President and Provost**  
Joan E. Foley Quality of Student Experience Award

\*

**Stephanie Sophia Reibetanz, Victoria College**  
**Nicole Meredith Nolan, Victoria College**  
John H. Moss Scholars



Harvey Anderson, left, Claire Alleyne and John Kirkness



Stephanie Reibetanz, left, and Nicole Nolan

Tickets: \$50 per person; students, \$35  
Business Attire

For ticket information, please call 978-4258 or 978-6536



## Technician (Level II)

required for Research Project at Sunnybrook Health Science Centre to work on Fat-Cell Differentiation. Experience in Tissue Culture and Molecular Biology highly desirable. Salary will depend on qualifications. Applications with CV and the names of 3 Referees should be sent to:

Dr. D.A.K. Roncari

Sunnybrook Health Science Centre, Room H-145  
2075 Bayview Ave., North York, ON, M4M 3M5.

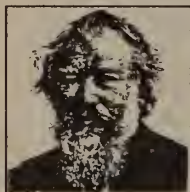
## The Exultate Chamber Singers

John Tuttle, Conductor

with guest artist

Patricia Phillips, Organist

present



**BACH**  
&  
*Brahms*



A CONCERT OF MOTETS AND CHORALE PRELUDES

Friday, March 25, 1994 at 8:00

Saint Thomas's Church

383 Huron Street, Toronto

General Admission \$18 • Seniors \$15 • Students \$10

Information and Tickets: 961-8382

## JAPAN — POSITION IN CANADIAN STUDIES

Kwansei Gakuin University in Nishinomiya, Japan, seeks Visiting Professors of Canadian Studies for the periods **April 1995 to July 1995**, and **September 1995 to July 1996**. Responsibilities include teaching (in English, French or Japanese) courses on contemporary Canada. Qualifications include Canadian citizenship or landed immigrant status and appointment as a member of the faculty of the University of Toronto. Fields of teaching: anthropology, art, business administration, economics, education, geography, history, literature, philosophy, political science, psychology, public administration, social welfare, sociology.

Travel costs and furnished accommodation will be provided in addition to salary based on level of professorial rank. Deadline for application: May 16, 1994. For more details please call Professor K.R. Thompson, Registrar, Victoria College, 585-4405.

## THE BURDEN OF HISTORY

CANADA, THE UNITED NATIONS, AND THE BALKAN CRISIS

Taking the former Yugoslavia as its case study, these three one-hour programs deal with a major issue for the 1990's -- national and ethnic conflicts and the attempts at peacemaking and peacekeeping.

Prepared by historians Dr. Robert Bothwell, University of Toronto and Dr. Margaret MacMillan, Ryerson Polytechnic University.

Broadcast: Thursday at 1:30 pm, repeated Thursday 9:00 pm and Sunday 5:00 pm

April 7 The Problem Explained

April 14 The Failure of the Multinational State

April 21 The Spreading Conflict and the Challenge to the International Order



OPEN COLLEGE 150 Mutual St., Toronto ON, M4B 2M1 (416) 595-0485 Fax: (416) 595-9602



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4DX33V	i486DX 33MHZ.	VESA	128K	1MB VESA	245MB	\$1,750.
					340MB	\$1,825.
4DX50V	i486DX2 50MHZ.	VESA	128K	1MB VESA	245MB	\$1,780.
					340MB	\$1,860.
4DX66V	i486DX2 66MHZ.	VESA	128K	1MB VESA	245MB	\$1,965.
					340MB	\$2,040.
4DX2/ 50P	i486DX2 50MHZ.	PCI	128K	1MB PCI	245MB	\$2,215.
OPTIONS/ UPGRADES	5.25" Drive add \$80.	4MB RAM add \$260.	Daewoo 15" Display add \$130.		Daewoo 17" Display add \$615.	

\*Price includes: DAYTEK 14" SVGA Non-Interlaced colour display, 4MB RAM, 1MB Windows accelerator Local Bus graphics adapter, 101 key enhanced keyboard, 200W power supply, MS-DOS 6.2 and MS-Windows 3.1 pre-loaded, Microsoft Mouse and full 2-year parts and labour warranty with FREE pick-up and delivery for systems located on campus.

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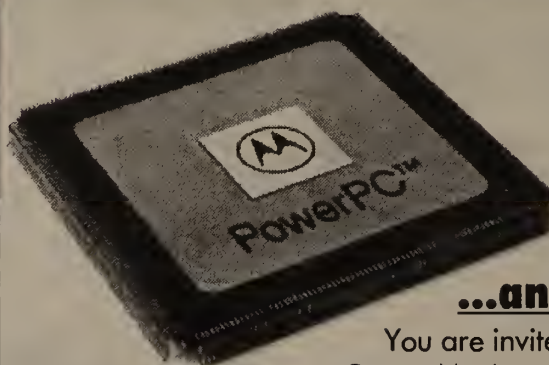
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Place: U of T Computer Shop

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# CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$.50 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word. No charge for postal code. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to **Nancy Bush, Department of Public Affairs, 21 King's College Circle, 2nd Fl., Toronto, Ontario M5S 1A1.** Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope. For more information please call: 978-2106.

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**Very private, quiet, partially (or un) furnished and equipped 2-bedroom apartment in attractive Victorian house.** Upper duplex on two floors, 1 1/2 baths, 5 appliances. Brunswick/Sussex (a safe neighbourhood), minutes walk to campus. Pet/child welcome. Non-smokers. Available April 1 for flexible period up to 3 years. \$1,385/month + electricity (negotiable). 964-7270.

**Spacious, bright, furnished condominium.** 2 bedrooms, 2 bathrooms, balcony with panoramic view, 6 appliances, indoor pool, parking. Steps to subway, shops, park. Central residential district. \$1,500/month inclusive. Available April. Ideal for sabbatical faculty. 787-8464.

**House for rent.** 4 bedrooms, 3 bathrooms, detached, with basement apartment. Fully renovated & furnished. Walk out to deck and garden. Extras include TVs, stereo, micro, Jacuzzi. 30 minutes TTC to U of T. Near beach, rec centre. Seeking professional family. Price negotiable. 463-6993.

**Prestigious location** (St. Clair and Avenue Road). Brand-new one-bedroom apartment, 3rd floor, balcony, private entrance, parking, heating, hydro included. Housekeeping provided. Non-smoker. Call G. Zuntini at 920-2674 after 7:00 p.m.

**Avenue Road/St. Clair.** Charming 2-bedroom condo on penthouse floor, facing southwest. Fireplace, balcony, underground parking. Near subway, buses. Air, Hydro is included in rent of \$1,150/month. Available May 1. Phone 960-1121.

**High Park.** 1-bedroom apartment for April 1 — September 30 period. Furnished, all amenities (phone, cable TV, balcony, TTC at door, etc.) \$690 monthly (all included). Tel. 604-7410.

**Sabbatical rental, High Park area.** Large detached house, 3 bedrooms, 2 studies, 2 bathrooms, fully furnished and equipped, garden. Close to subway, good schools, park. September through April. \$1,500 p.m. plus utilities. 585-4431 (U of T), 762-9165.

**Sabbatical rental, Toronto.** Furnished house, August/September 1994 for one year. Quiet downtown residential area close to U of T, OISE, Robarts Library, subway. Living/dining-room, 2 bedrooms plus attic study/bedroom, laundry room, shady patio, five appliances, air conditioning. Suit couple or one-child family. Call (416) 972-6313.

**Sabbatical leave.** Fully furnished house ideal for visiting professor/family available from June 1994 — July 1995. Two-storey, 3-bedroom; quiet street; modern kitchen, six appliances; french doors to dining-room; fenced yard; garden; large deck; garage; steps from bus, subway and GO train; close to schools and shopping; two blocks from lake at Royal York and Lakeshore. \$1,200/month + utilities. Call 978-1910 or 480-4818 (days); 503-8318 (evenings).

**Riverdale:** renovated family home, backs onto Withrow Park, 6 rooms, 1 1/2 bathrooms, 5 appliances, central vacuum, central air, fenced back garden, partly furnished or unfurnished. \$1,100 + utilities. June 1 for 12-15 months. 465-6367.

**Summer rental.** Markham Street/Harbord. Owner's tastefully furnished suite on two levels in quiet Victorian home. 1,500 sq. ft. 2 bedrooms/den, 2 baths, study. Antiques. Deck, garden, garage. Non-smokers. May — September. \$1,300 monthly inclusive. 960-1881.

**Pape/O'Connor.** 2+ bedroom house on mature tree-lined quiet street. Fireplace, french doors, hardwood and ceramic floors, laundry, yard, garage, pets OK. \$1,200. Available April 1. 424-2664.

**Executive condo.** 1-bedroom, furnished. Excellent location to University (5-minute walk), Bay & St. Joseph. Recreational facilities: gym, sauna, pool, whirlpool, table tennis. Parking available. Very reasonable. Contact Margaret, day: 591-5547; evening: 848-0635.

**Bathurst/Dundas,** open-concept 2-bedroom duplex on 2 levels with 1 1/2 bathrooms, deck, skylights, fireplace, 4 appliances. Walk to U of T. Academic landlord. May 15 or June 1. \$1,120+. 923-4236.

**Prof couple on sabbatical** wish to lease out their fully furnished 1,300 sq. ft. townhome downtown at Adelaide/Strachan; 2 levels; very secure; 2 bedrooms, 2 1/2 bathrooms; 5 appliances; air-conditioned; fireplace; 2 parking; 2 decks, gas barbeque. Minutes to U of T, TTC, theatres, restaurants & dome. Available May 1 for up to 4/6/8 months. \$1,750, fully furnished. (416) 345-8326.

## ACCOMMODATION RENTALS REQUIRED

**Have house? Will sit.** Responsible, experienced woman. Available May-September. Excellent references. Call (212) 397-8109 OR (416) 967-5693.

**Going on sabbatical?** 2 responsible & mature Queen's grads will pay reasonable rent & look after house/pets. Available May 1 on. References available upon request. Call Jill (613) 548-1298.

**Doctor's family seeks** 3-bedroom furnished/unfurnished home for 1 year from July 1. Beaches area preferred. Parking. References available. Call (416) 690-6657.

**For June 1.** Detached home in rural setting. Modernized, heritage type preferred. Northeast area above Metro. Garden/trees. Fireplace. Prefer two-year lease. Call (905) 477-7082.

## ACCOMMODATION SHARED

**Danforth and Broadview.** Fully renovated house to share. Ideal for visiting professor or doctoral student. TTC 15 minutes to U of T. Entire third floor: 2 furnished rooms, skylights, minibar, air cond., \$500. Also 9x12 furnished bedroom/office with private deck over backyard, \$350. All appliances, fireplace, yard. Street parking. Non-smoking, pet-free, organized, quiet. Includes maid/utilities. Call Ken Shepard, Ph.D. 463-0423.

**Furnished room for short-term.** High Park area, walk to subway. Share with a nice couple. \$80 per week inclusive. Quiet professional preferred. Phone Dr. T. Xing, 978-3806.

**St. Clair/Spadina.** 1,200 sq. ft. apartment in low-rise building. Completely furnished, wonderful condition. Seeking mature, quiet female to share with same. Non-smoker preferred. Walk to subway. Nice backyard. 1 block to shopping. Available April 25/94 for 6 months. Move-in date negotiable. \$550/month, utilities included. 486-3778.

## ACCOMMODATION OVERSEAS

**Latin Quarter Paris.** (Near Sorbonne.) Bright, comfortable apartment, 1 bedroom + study and large living, modern kitchen and bath. Fully equipped. \$1,500 + utilities. One year or less — September 1, 1994. Tel: (416) 466-0078.

**London House, London England.** Spring/summer accommodation in University of Guelph's London House. Rooms or flats, full housekeeping privileges. Minimum four nights — reasonable rates. Smoke-free environment. Ideal for academic/tourist travellers. Inquiries: Ph. (519) 856-4412, fax (519) 856-4087.

**London, England:** 2-bedroom apartment in pleasant area of N. London to rent April 1994. Fully furnished, modern kitchen, gas central heating, appliances and washing machine. 25 minutes to U of London. Ideal for sabbatical year. Contact J. Calvert, 2576 Pandora St., Vancouver, B.C. V5K 1V8. Tel. (604) 255-6601.

**London.** Bright, quiet, central, 2-bedroom apartment, 5 minutes' walk from British Museum or University of London library, available August/September 1994 to December 1994 or June 1995. \$1,600 p.m. + utilities. Phone Prof. Jackson, 585-4457 or 929-0538.

**Tuscan farmhouse** in rolling hill country — olives, vineyards, chestnuts — close to Montepulciano, Pienza, Montalcino, Siena & the Brunello wine district. Top flat sleeps 5, lower 6-8. Excellent rates. Available spring, summer, autumn. Tel: 323-0219.

**Brittany, 17C.** manoir. Beautiful, secluded, 20 min. beaches, 5 min. town. Main: 3-bedrooms, dining-room, music room, 2 bathrooms. Wing: self-contained apartment. Photos available. Summer \$5,000/month (two-week minimum). Also sabbatical. (416) 694-9295.

**France —** 5-bedroom furnished house near Annecy and Geneva. 100 m. from lake, 2,000 sq. m. garden. Available July 1 — May 1, 1995, long-term only. \$2,000 per month + utilities; or 2-bedroom apartment, \$1,000/month + utilities. (905) 880-2994.

## BED & BREAKFAST

**Heart of the city.** Walk to U of T, Museum, Yorkville. Immaculate, English-style home. Smoke- and pet-free. Full breakfast, parking. \$65 single, \$80 double. 967-6474.

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**Enjoy Easter weekend at Cranberry Village!** 2-bedroom luxury townhouse, minutes to skiing, pool, rec. centre. Other weekends & weeks available. 928-3011, 1-905-476-5482.

**Charming Owen Sound (Ontario)** farmhouse near scenic beach. Available July/August 1994. Good for family, international visitors or academic wishing privacy. Rental negotiable. 499-8111.

**Furnished Toronto townhouse,** accessible to subway, universities, major routes: available July/August. Ideal for out-of-country visitors or academics. Negotiable. 499-8111.

## HOUSES & PROPERTIES FOR SALE

**Looking for a country retreat?** Looking for peace and quiet? Call me to see hobby farms, vacant land for your dream home, or interesting buildings — perhaps a renovated schoolhouse or old church, all nestled in a rural setting. I "escaped" from

Toronto six years ago! Call Raymond Langston, Sales Representative, Royal City Realty (Fergus) Ltd. Office: (519) 848-5218; home: (519) 323-3226.

**Parkdale paradise.** Character vintage single family 5-bedroom home circa 1890! Features: high ceilings, rosettes, original tall baseboards & moulding, stained glass, pocket & french doors, Victorian archways, gothic window, renovated kitchen plus loads more! Only \$309,000. Anthony Van Lieshout, Homelife/Realty One Ltd, (416) 763-5161.

## MISCELLANY

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Monday to Thursday,  
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Sunday, 1 to 8 p.m.

## ERINDALE COLLEGE LIBRARY

Monday to Thursday,  
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Sunday, 1 to 9 p.m.





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### "DEMOCRACY, MARKET ECONOMY, AND THE POLITICS OF NATIONAL IDENTITY IN EASTERN EUROPE"

Monday, 28 March 1994  
2:00 - 4:00 pm  
The Croft Chapter House  
(University College, 15 King's College Circle)

#### Sessional Mathematics Instructors

Erindale College, University of Toronto

Two sessional appointments, renewable annually. Duties may include tutoring, counselling, course administration, lecturing in elementary courses, course planning and development etc. Candidates must submit evidence of excellence in teaching. Salary commensurate with qualifications and experience. Starting date: September 1, 1994. Deadline for applications: April 30, 1994.

Please send application, including c.v., and arrange for three letters of recommendation to be sent to

Mrs. Carmen Cupido, Department of Mathematics, 4037 South Building, Erindale College, University of Toronto, Mississauga, Ontario L5L 1C6.

This advertisement is directed to Canadian citizens and landed immigrants.



### DEPARTMENT OF ANATOMY AND CELL BIOLOGY

University of Toronto

#### DR. JOE A. CONNOLLY MEMORIAL AWARD FOR CELL BIOLOGY

The Connolly Award will be given each year to a student registered in the Ph.D. program at the University of Toronto who has demonstrated excellence in cell biology research. The Award will be a minimum of \$1,000 and is limited to Canadian citizens and landed immigrants.

The Award Committee (to be selected by the Chairman of Anatomy and Cell Biology, who will not be a member) will be composed of two faculty members of the Department of Anatomy and Cell Biology, a Postdoctoral Fellow from the Department, and one member of the Connolly family. The Awardee will be notified by May 1st and the Award will be presented at a reception later in May.

Applications for this Award should include a curriculum vitae and a one-page letter summarizing the student's research interests in cell biology and giving evidence of involvement and interest in extracurricular activities (e.g., music, sports, community affairs). Applications should be sent to:

Chairman, Department of Anatomy and Cell Biology, c/o Room 6219, Medical Sciences Building, University of Toronto, Toronto, Ontario M5S 1A8 by **Thursday, March 31, 1994.**

### The Twelfth Larry Sefton Memorial Lecture

## VICTOR PATHE

Associate, Restructuring Associates, Inc.

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### REFLECTIONS ON THE PAST — CHALLENGES OF THE FUTURE

WEDNESDAY, MARCH 23, 1994 at 8:00 p.m.

Arthur M. Kruger Hall  
Woodsworth College  
119 St. George Street

Admission: **Free**

For more information call 978-2411



WOODSWORTH COLLEGE  
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### CENTRE FOR INTERNATIONAL STUDIES, UNIVERSITY OF TORONTO

is pleased to announce a *special presentation* on:

**Monday, March 21, 1994**

**10:15 am - 11:45 am**

**Koffler Institute for Pharmacy Management  
Auditorium, 569 Spadina Avenue, Toronto**

## "THE FUTURE OF GLOBAL TRADE"

by

### PETER SUTHERLAND

Director General

The General Agreement on Tariffs and Trade  
(G.A.T.T.)

Welcoming remarks will be made by Robert Prichard, President of the University of Toronto. Bob Rae, Premier, Province of Ontario, will chair the discussion with participation by Roy MacLaren, Minister for International Trade, and Sylvia Ostry, Chairman of the Centre for International Studies

There is no fee but *registration is required*. Please call (416) 978-1516.

HART HOUSE  
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## Sugaring-Off

**Sunday, March 27th, 1994**

#### Activities

A day of making maple syrup, maple toffee, and feasting on all the pancakes you can eat!  
A tour of the Farm will be given. Enjoy a wood-fired sauna by the pond.

#### Cost per person

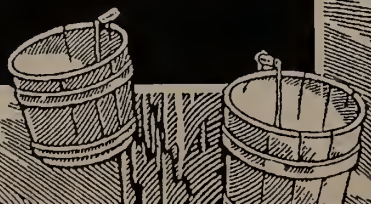
\$16.00 with bus; \$13.00 without bus

#### Transportation

Buses leave Hart House at 10:30 am.  
Expected departure from the Farm at 7:00 pm

Tickets and information are available from the  
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**Families welcome - please enquire  
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# RESEARCH NOTICES

For further information and application forms for the following agencies, please contact University of Toronto Research Services (UTRS) at 978-2163.

## HUMANITIES & SOCIAL SCIENCES

### MAX BELL FOUNDATION

The foundation makes non-renewable one- to three-year grants in the following fields: health care; Canada and the Asian Pacific; and veterinary medicine. Applicants are requested to write a letter of intent. There is no formal deadline.

### FOREIGN AFFAIRS & INTERNATIONAL TRADE CANADA

The purpose of the cooperative security competition program is to provide funding for projects such as research, conferences and seminars that will advance understanding, knowledge and public discussion of cooperative approaches to political, cultural, religious, economic, scientific, environmental, military security, arms control and disarmament, social, humanitarian and demographic issues of security. Deadline is April 30.

### MULTICULTURALISM & CITIZENSHIP CANADA

The Canadian ethnic studies program supports and promotes research on the demography, culture, and social, political and economic organization of ethnocultural groups in Canada. The research can be historical, contemporary, interdisciplinary or comparative. Deadline is April 30.

### SHASTRI INDO-CANADIAN INSTITUTE

The institute invites submissions for seed money to develop innovative initiatives in sustainable development as well as strengthen relations between India and Canada in imaginative ways. These initiatives should produce tangible results in one or more of the following areas: the environment; business and economic development; women and development; demography; and science, society and

technology. Deadline is March 31.

### SOCIAL SCIENCES & HUMANITIES RESEARCH COUNCIL

Summary lists of results for the research and strategic grants competitions will be received at UTRS around the last week of March. Applicants will be advised of the results by mail within 48 hours.

## MEDICINE & LIFE SCIENCES

### NATIONAL NEUROFIBROMATOSIS FOUNDATION, INC. (US)

The foundation provides limited financial support for innovative basic and clinical research relevant to the cause, pathogenesis or treatment of the neurofibromatoses. Research grants are offered for new or established investigators wishing to pursue a novel idea or concept clearly related to NF. Grants are made for a maximum of two years and up to \$60,000 US. Investigators are reminded that an indirect cost component of 10 percent is permitted by the foundation and application budget calculations must include the full percentage allowed where the grant is to be administered by U of T. Young investigator awards are offered to post-doctoral fellows associated with the laboratory of a more senior researcher who acts as the research sponsor or to investigators no more than seven years past the completion of their training. Up to \$35,000 US will be provided for salary support and may be awarded for one to two years. Deadline for both programs is April 1.

## PHYSICAL SCIENCES & ENGINEERING

### NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL OF CANADA

NSERC has advised that they received over 1,300 notifications of intent for the new collaborative project grants program

and consequently there will be a pre-selection process. This process will take place after receipt of the applications in May in order to select applications for the September competition. Applicants will be informed in writing of the outcome sometime in June although the time frame has not yet been established. Those who will not have been selected will be provided with comments on their application. A "questions and answers" document being prepared by NSERC will be sent to universities in the near future.

### UPCOMING DEADLINES

#### MARCH 15

Dysautonomia Foundation Inc. — research grants  
Damon Runyon-Walter Winchell Cancer Research Fund — post-doctoral fellowships  
Health & Welfare Canada/NHRDP — AIDS research grants  
Heart & Stroke Foundation of Canada — science student, high school student scholarships

#### MARCH 21

Physicians' Services Inc. Foundation — research grants

#### MARCH 23

Health & Welfare Canada/NHRDP — seniors' independence research program

#### MARCH 31

Health & Welfare Canada/NHRDP — Canada's Drug Strategy  
International Cystic Fibrosis — international research projects, scholarships, professorships  
NATO — collaborative research grants  
Shastri Indo-Canadian Institute — initiatives in sustainable development

#### APRIL 1

Association for the Advancement of

## Automotive Medicine — David R. Foust memorial fund

Atkinson Charitable Foundation — research grants  
Canadian Cystic Fibrosis Foundation — studentships, fellowships  
Canadian Genome Analysis & Technology Program — research grants (letter of intent), major equipment, career development, travel grants, workshops/conferences/symposia  
Canadian Heritage/Canadian Studies & Special Projects Directorate — Canadian studies learning materials  
Cancer Research Foundation of America — fellowships  
Cancer Research Institute (US) — fellowships  
Wendy Will Case Cancer Fund — research grants  
Hannah Institute — archives/museum studies medical history internship program, special grants (letter of intent)  
Louis & Artur Lucian Award — nominations  
MRC — studentships (renewal), fellowships (new and renewal), industrial studentships and fellowships, MRC/Schizophrenia Society of Canada fellowships, MRC/NHRDP AIDS research post-doctoral fellowships, MRC groups (new and renewal preliminary proposal), program grants (new and renewal preliminary proposal), development program (phase 2)  
National Neurofibromatosis Foundation Inc. (US) — research grants, young investigator awards  
Parkinson Foundation of Canada — fellowships, research grants  
SSHRC — international summer institutes (at UTRS), aid to occasional scholarly conferences in Canada, travel grants for international representation

#### APRIL 4

University of Southern California —

## Tyler prize for environmental achievement

### APRIL 9

Baxter Corporation — renal therapy division research grants

### APRIL 15

J.P. Bickell Foundation — research grants (at UTRS)

James H. Cummings Foundation — research support (at UTRS)

Easter Seal Research Institute — fellowships, project grants, training grants

Miles/Canadian Red Cross Society — research grants (invited)

NSERC — strategic grants

Wildlife Toxicology Fund — research grants

### APRIL 30

Foreign Affairs & International Trade Canada — cooperative security competition program

March of Dimes Birth Defects Foundation — social and behavioral sciences research grants (letter of intent)

Multiculturalism & Citizenship Canada — Canadian ethnic studies program

Roehrer Institute — major research grants, graduate students research grants, research grants

### MAY 1

National Institute for Chiropractic Research — research grants

National Institutes of Health (US) — AIDS research grants

Sandoz Foundation for Gerontological Research — research grants

Whitaker Foundation — preliminary proposals

### MAY 2

NSERC — collaborative project grants

SSHRC — strengthening of specialized research collections

# PHD ORALS

Graduate faculty please call the PhD examinations office at 978-5258 for information regarding time and location for these listings.

### THURSDAY, MARCH 17

Advaitanand Manohar, Department of Biochemistry, "Studies on the Regulatory Elements of the Gene for Bovine Elastin." Prof. R.A. Anwar.

### FRIDAY, MARCH 18

Martin Dale Ruck, Department of Education, "Children's Understanding of Nurturance and Self-Determination Rights." Prof. D.P. Keating.

### THURSDAY, MARCH 24

Robert Anthonie Weersink, Department of Chemistry, "Intramolecular and Intermolecular Dynamics of Isolated Molecules and Complexes." Prof. S.C. Wallace.

### FRIDAY, MARCH 25

Marian Patricia Aana Beauregard, Department of Education, "Depression in Battered Women." Prof. J. Wine.

Timothy Benedict Brecht, Department of Computer Science,

"Multiprogrammed Parallel Application Scheduling in NUMA Multiprocessors." Prof. S. Zhou.

Nicholas Anthony Maes, Department of Classical Studies, "The Long Day Wanes: Old Age in Homer." Prof. E.I. Robbins.

Lesley A. Warren, Department of Zoology, "Trace Metal Complexation by Suspended Particulates in an Urban River." Prof. A.P. Zimmerman.

### MONDAY, MARCH 28

Martin Joseph Kiik, Department of Physics, "The Role of Atomic Processes in the Formation of Rare-Gas Excimers in a Supersonic Discharge." Prof. B.P. Stoicheff.

Margaret Ellen Owens, Department of English, "Dismemberment and Decapitation on the English Renaissance Stage: Towards a

Cultural Semiotics of Violent Spectacle." Prof. A.C. Lancashire.

### TUESDAY, MARCH 29

Laurie Ann Desbarats, Department of Biochemistry, "The Regulation of Expression of the Cell Adhesion Molecule gp80 in Dictyostelium Discoideum." Prof. C.H. Siu.

### WEDNESDAY, MARCH 30

Judith Patricia Robertson, Department of Education, "Cinema and the Politics of Desire in Teacher Education." Prof. R.I. Simon.

Mark Edward Siddall, Department of Zoology, "Fish Blood Parasites (Apicomplexa: Adeleina) and Their Leech Vectors: Biology, Phylogeny and Coevolution." Prof. S.S. Desser.

Ruoxiang Wang, Institute of Medical Science, "Structure and Function of Cardiac Myosin Heavy Chain Genes in Syrian Hamster." Professor C.C. Liew.

# COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees. The deadline for submissions is Monday, two weeks prior to publication.

## SEARCH

STATUS OF WOMEN OFFICER  
Professor Heather Munroe-Blum, vice-president (research and international relations) has appointed a search committee to advise President Robert Prichard on the appointment of a status of women officer. Members are: Professor Heather Munroe-Blum, vice-president (research and international relations) (chair); Susan Addario, personal safety awareness officer; Joanna Blanas, Department of English; David Cook, vice-provost (staff functions); Patti Cross, student, Woodsworth College; Margaret Hawthorn, librarian, Erindale College; Professor Ping C. Hsiung, sociology, Scarborough College; Professor Sheila Neysmith, Faculty of Social Work; Jan Nolan, family care adviser; Susan Roxburgh, at-large officer, Graduate Students' Union; Professor Paul Thompson, principal, Scarborough College; Marilyn Van Norman, director, Career Centre; Professor Ronald Venter, vice-dean, Faculty of Applied Science & Engineering; Penny Hay-Roe and Judy Ostrower, Human Resources Department (assessors); and Chris Cunningham, Office of the President (secretary).

The status of women officer will participate in achieving the realization of the University's Statement on

Human Rights and will be available to provide advice to all members of the University community. Reporting to the president, the status of women officers advises and recommends on matters of policy and on problems concerning women's issues for students, staff and faculty, encourages research into the status of women and organizes and sponsors activities relating to women at the University.

The appointment will be for three to five years and is open to members of the administrative or academic staff. Special work arrangements and secondments will be considered.

Nominations and applications should be forwarded to Penny Hay-Roe/Judy Ostrower, Human Resources Department, 215 Huron St., by March 22.

## PLEASE NOTE

We request submission of notices on computer disk in WordPerfect 5.1 or plain text format but some other formats are acceptable. Notices must include the full names of the departments or divisions in question. The last names of committee members must be accompanied by full first names or by two initials. If responses are requested, the full address of the sponsoring unit must also be included along with the appropriate deadline dates. For more information please call Ailsa Ferguson at 978-6981.



# FAULT LINES IN WHITE PAPER

*Research should play a greater role in the provost's vision of the future*

By PETER ROSENTHAL

THE PROVOST'S WHITE PAPER, PLANNING FOR 2000, reproduced in the special edition of *The Bulletin* Feb. 21 is a remarkable document. It purports to provide a guide for the University of Toronto to "enter the twenty-first century a stronger institution than it is today," in spite of additional cuts of more than eight percent to the budgets of the academic divisions. My reading, however, suggests that the white paper is a blueprint for further conversion of the University from a community of researchers and students into an over-administered factory for the efficient production of increasingly useless degrees.

The white paper is full of attractive but vacuous statements of objectives: the majority of undergraduates (objective 2.1) and graduate students (2.7) should complete their programs satisfied that they have received excellent educations; the University should continue to be a leader in the creation of knowledge and technology (5.2); the University should show continual improvement in the quality of entering students (6.1); the University should recruit professors who are or who have the potential to be leading scholars and excellent teachers (7.1); and the University should be among the best in the world in providing electronic as well as traditional access to information contained in the library (9.1).

If the white paper merely asserted that the administration will do its best to maintain the above objectives when dealing with budget constraints it would be a relatively meaningless but harmless document. Unfortunately, however, there are other stated objectives that will provide rationales for further erosion of support for research and for elimination of the most substantial undergraduate courses.

THE WHITE PAPER INCLUDES A NUMBER OF STRATEGIES, THE first of which is labelled Linking Teaching and Research. The provost writes that "the nexus between teaching and research is fundamental to the ideal of the research university" but "it needs to be cultivated." The most specific guidance for such "cultivation" would appear to be strategy 1.1.c: release time from teaching to pursue research should be, for any given member of the faculty, an extraordinary occurrence.

Presumably the idea is: increase the connection between teaching and research by making our good researchers do more teaching. The possibility that failure to provide release time will limit the University's ability to attract and keep the strongest researchers is not discussed. This would appear to be very short sighted.

One of the main ways that the University can give encouragement and support to individual researchers is by providing release time, but the plan is to make that "extraordinary." (On the other hand, as discussed below, release time to do administration is implicitly supported in the white paper.) If a professor is accomplishing excellent research and is, therefore, often teaching a half course per year less than most of her or his colleagues, the slightly reduced contact with students may be more than offset by the increase in capacity to conduct research. A Nobel Prize winner may have enormous influence on undergraduates through occasional lectures and informal interactions even if she or he teaches no undergraduate courses.

Encouraging researchers to teach undergraduates is clearly sensible but precluding the use of release time to support top researchers cannot be justified on the grounds of promoting the link between teaching and research. It seems that the real purpose of this "strategy" is simply to get a little more teaching out of present faculty (cf. the statement following strategy 1.1.c, which precludes any release time unless a research grant provides funding for a "true replacement of the faculty member's teaching" — i.e., the University will *never* itself bear any cost of release time for research). It would be expected that the most useful links between research and undergraduate teaching would occur in specialized courses given to third- or fourth-year students but the white paper explicitly limits the offering of such courses. Indeed, strategy 2.4.a reads: "Each division and



department should review its undergraduate course offerings with an eye to reducing over-specialization at the senior levels."

The white paper goes on to suggest that "... it may well be more appropriate ... to offer two sections of a more comprehensive course rather than two highly specialized separate courses at the senior level ...." What is "appropriate" depends upon our objectives. If our goal is simply to process as many degrees as possible then we should offer only more "comprehensive" (I read "shallow") courses. On the other hand if our goals include preparing our strongest students for graduate work at the highest levels, and if we are truly interested in forging a link between research and undergraduate teaching where possible, then we must be permitted to offer very specialized courses.



## IT MAY BE BEST TO REDUCE THE NUMBER OF ACADEMIC ADMINISTRATORS

The small number of potential students make specialized courses financially unattractive but such courses perform a very important function in addition to the knowledge imparted: they bring together small groups of students who are deeply interested in the subject matter. The interactions between such students, and with the professor, create a little community of scholars which can be inspirational. This is lost in larger "comprehensive" classes.

The mathematics department has had a very strong undergraduate program for more than 50 years. A large proportion of Canada's mathematicians (and a significant number in the US and elsewhere) are graduates of this program. Budget constraints of recent years have already weakened our course

offerings for our best students. Strategy 2.4.a will likely have the effect of rendering our specialist program mediocre.

The white paper's proposed limitation on small specialized classes is accompanied by advocacy of large lecture sections (in strategy 2.3.c and the surrounding discussion). The virtues of large classes are extolled and it is claimed that "the disadvantages of large classes can be mitigated, and the advantages enhanced ...." It is concluded that facilities for classrooms accommodating 500 to 1,500 students should have high priority in the University's next capital plan.

Perhaps budget constraints require large classes for some of our service teaching. Only a small percentage of advanced undergraduates, however, are likely to be in a position to appreciate courses at levels that include recent research. One of the essential purposes of a research-oriented university offering undergraduate programs must be to provide deep instruction for this small percentage of students.

THE WHITE PAPER'S LACK OF SUPPORT FOR RESEARCH and teaching is unfortunately not matched by a lack of support for administration. Although recent years have seen a phenomenal growth in administrative costs at this university, the white paper suggests that we must direct even *more* resources to academic administrators.

Following objective 7.4 the provost tells us that "it is not easy to recruit" colleagues into positions "of academic leadership."

This suggests two questions (and some answers). First, do administrators really offer "academic leadership"? Not in my view. If an administrator is doing a useful job and is doing it properly, the administrator is handling certain necessary chores on behalf of the rest of us. Some recognition of administrators for performing their functions is appropriate. But academic leadership is provided by the most active researchers and, perhaps, by innovative teachers.

Second, if it's so hard to recruit administrators, why do we have so many? The white paper tells us that we should make academic administrative positions "as attractive as possible," among other ways by increasing administrative stipends (strategy 7.4.a). There is no mention of the possibility of limiting release time for administration although the white paper advocates making it "extraordinary" to grant release time for research.

The only part of the white paper that is really expansive is the part that deals with academic administrators. In addition to increasing the stipends of administrators, the white paper states that the service components of administrators' PTR should be assigned a heavy weight.

In recent years expenditures for administrative salaries and benefits have been increasing more rapidly than for faculty. For example, from April 30, 1991, to April 30, 1992, the University's actual expenses for administrative salaries and benefits rose by 14.56 percent while that for faculty rose 11.59 percent. For 1990 to 1991 the administrators won 13.89 percent to faculty's 8.01 percent and for 1989 to 1990 they also won, 14.74 percent to 9.0 percent. Enough already. The white paper should not ensure that this trend continues.

In fact the best way to respond to the budget crisis might well be to drastically reduce the number of academic administrators. Instead of cutting release time for researchers, put all the assistant deans and associate principals and vice-presidents back into the classroom. How many vice-presidents, assistant provosts and the like can we afford in these austere times? Such questions have not been really dealt with in any of the planning documents circulated by our administrators.

We should insist that large-scale cuts in academic administrators precede *any* cuts in faculty or programs. A likely corollary would be that our total budget would increase: administrators would solicit funds with renewed vigour if they knew that *their* jobs would be the first to go for financial reasons.

*Professor Peter Rosenthal is a member of the Department of Mathematics.*